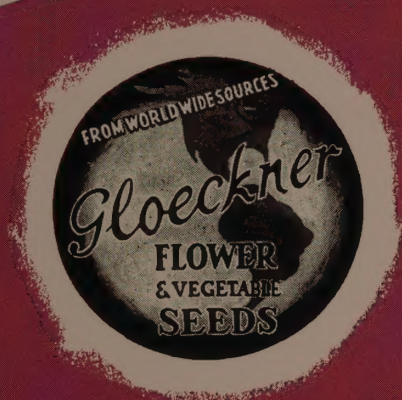


62

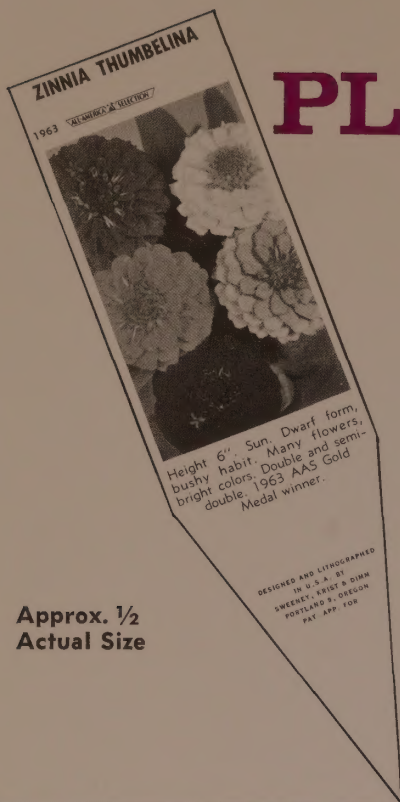
Fred C. Gloeckner & Company, Inc.
15 East 26th St.
New York 10, N.Y.

National Agricultural Library
RECEIVED
★ JAN 29 1963 ★
U. S. Department of Agriculture

Gloeckner



1963 FLOWER SEEDS



Approx. 1/2
Actual Size

PLASTIC PLANT LABELS

These plant labels illustrated in Full Color and made of durable white plastic, attract attention to plant displays and tend to stimulate sales. When selling young plants not in bloom, these color labels are especially effective. Each label lists the Correct Variety Name with a brief description of its growing habit and sun or shade requirements.

SCHEDULE OF PRICES for PLASTIC LABELS

5 to 10 boxes.....	@ \$2.25 per box
11 to 49 boxes.....	@ 2.10 per box
50 to 199 boxes.....	@ 1.90 per box
200 to 499 boxes.....	@ 1.80 per box
500 to 999 boxes.....	@ 1.75 per box
1000 boxes or more	@ 1.70 per box

All Prices F.O.B. Portland, Oregon

Labels are packed 100 of one variety to the box.

Broken lots of less than 100 of one variety not accepted.

MINIMUM ORDER ACCEPTED, 5 BOXES

**USE THE
ENCLOSED
ORDER
FORM
FOR
ORDERING**

JUMBO PICTURE CARDS (5 1/2" x 8") →

We also have available Jumbo Picture Cards on heavy coated stock as listed below.

JUMBO PICTURE CARDS—5 1/2" x 8". On heavy coated stock. Available in the following:

PETUNIAS

Allegro
Aztec
Ballerina
Bingo Imp.
Calypso
Capri
Caprice
Cardinal
Cherry Tart
Comanche Imp.

Comet
Fandango
Fire Dance
Honey Bunch
Lavender Lace
Linda
Lyric
Matador (Toreador)
Maytime
Mercury

Meteor
Paleface
Pink Cascade
Pink Lace
Pink Magic
Polaris
Prima Donna Imp.
Red Cascade
Rhapsody
Salmon Magic

Sky Magic
Snow Bird
Snow Magic
Sugar Daddy
Sugar Plum
Sugar Plum Double
Venus
White Cascade
White Magic

Dianthus, Bravo
Impatiens, Dwarf Mixture
Marigold, Crackerjack
Zinnia, State Fair Mix
Zinnia, Thumbelina
Tomato, Big Boy



PRICE OF ABOVE VARIETIES, \$3.00 per 100. MINIMUM ORDER 50 CARDS

Gloeckner

seeds, bulbs, plants and cuttings are selected with diligent care as to type, productiveness and freedom from disease so that you may have the best with which to build your prospective crops. **Our interest in you and your crops by no means ends with the sale. We are more than anxious to have the materials we sell, grow and prove profitable to you.**

WARRANTY AND LIMITATION OF LIABILITY: Subject to the limitations of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. Our liability on this warranty is limited in amount to the purchase price of the seeds or bulbs. In no event shall we be liable for the crop, or for any loss due to the failure, impairment or quality thereof or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for purchase of said seeds or bulbs, or from any other cause.

3rd C.
Gloeckner
&
Company,
Incorporated

BUSINESS TERMS:

ON OPEN ACCOUNT: (Seeds Only). For customers of Approved Credit 60 Days Net. The following discounts will be allowed on orders paid within 10 days: \$5.00 to \$25.00 2%—\$25.00 to \$100.00 5%—\$100.00 to \$300.00 8%—\$300.00 or more 10%.

CASH OR C.O.D. ORDERS: (Seeds Only). Under \$10.00 net—\$10.00 to \$25.00 5% —\$25.00 to \$100.00 8% —\$100.00 to \$300.00 10% —\$300.00 or over 12%.

Prices in this catalog are subject to change without notice . . .

All goods are offered subject to Crop Failures, Shortages or other causes beyond our control, and to being unsold on receipt of order . . . The prices in this catalog are for the trade only. For your own protection do not loan this catalog to anyone not entitled to Florist or Wholesale prices. . . . Unknown correspondents desiring to open an account are requested to furnish three trade references with whom they have had credit relations.

**15 EAST 26th ST.,
NEW YORK 10, N.Y.**

Telephone: Area Code 212 ORegon 9-6460 9-6461

Cable: GLOECKNERS, N. Y.

NEW FLOWER SEED VARIETIES FOR 1963

SNAPDRAGON (ANTIRRHINUM)

F₁ HYBRID NANUM "SPRITES"

This is a new semi-dwarf Snap hybrid that is ideal for the garden. The plants are base branching, growing to a height about 15"/18". They flower early and because they are base branching, bloom over a long period.

CHERRY SPRITE — Bright cherry rose

CRIMSON SPRITE — Deep crimson

SCARLET SPRITE — Intense fiery scarlet

WHITE SPRITE — Pure white with a touch of yellow in center.

YELLOW SPRITE — Clear canary yellow

UNITED SPRITES — A formula blend of all colors

Tr. Pkt. \$2.00 1/64 oz. \$3.80 1/32 oz. \$7.20 1/16 oz. \$13.30
1/8 oz. \$26.00 1/4 oz. \$49.00

ASTER EARLY CHARM

Early Charm is extremely early to bloom. The plants stand 18" tall, with many lateral stems which support a profusion of 3" double flowers, with broad overlapping petals.

Six separate colors are available in the EARLY CHARM series, as follows:

AZURE BLUE DARK BLUE PEACHBLOSSOM

CRIMSON DEEP ROSE WHITE MIXED

Tr. Pkt. \$.50 1/4 oz. \$1.00 Oz. \$3.00

BEGONIA DWARF F₁ HYBRID

PINK PLANET

Uniform and dwarf. Bright pink flowers on plants of Comet type, but with green foliage.

RED PLANET

Brilliant scarlet counterpart to Pink Planet but with red veined-green foliage.

ARISTO MIXED

A blend of all varieties in both the Comet and Planet series. The above available in originators only.

PRICES OF ABOVE VARIETIES

Originator's Packets \$2.00 each (5 for \$9.00)

CELOSIA DWARF CRISTATA

ROSE BEAUTY

Huge brilliant-glistening rose combs. Plants are uniform and dwarf with foliage a deep green.

Tr. Pkt. \$.75 1/8 oz. \$1.50 1/4 oz. \$2.50 Oz. \$7.50

PANSY

PARIS GIANTS MIXED

Early and free blooming. This strain, though leaning slightly to the darker shades, has a pleasing color range of blotched type flowers which have aroused quite some comment in the few places we had an opportunity to trial them this season.

Tr. Pkt. \$1.00 1/8 oz. \$2.75 1/4 oz. \$5.00 Oz. \$15.00

PETUNIA F₁ HYBRID MULT.

STAR TROPHY

Produces good sized rich blue flowers with uniform white stars. Highly recommended.

1/2 Tr. Pkt. \$1.00 Tr. Pkt. \$1.75 1/128 oz. \$3.00 1/64 oz. \$5.50
1/32 oz. \$10.00 1/16 oz. \$19.25 1/8 oz. \$36.50 1/4 oz. \$69.50

PETUNIA F₁ HYBRID MULT. DOUBLE

HONEY BUNCH

Soft salmon, the color of Lyric, with same habit and size as Cherry Tart. Vigorous yet compact.

1/2 Tr. Pkt. \$1.50 Tr. Pkt. \$2.75 1/128 oz. \$4.75 1/64 oz. \$8.75
1/32 oz. \$16.75 1/16 oz. \$32.00 1/8 oz. \$60.75

PETUNIA F₁ HYBRID GRAND.

FAIRY QUEEN

Dwarf fringed Grandiflora. The flowers are white streaked and mottled pink.

1/2 Tr. Pkt. \$1.00 Tr. Pkt. \$1.75 1/128 oz. \$3.50 1/64 oz. \$6.50
1/32 oz. \$12.00 1/16 oz. \$20.00 1/8 oz. \$36.00 1/4 oz. \$65.00

FANDANGO

A deep violet blue and white Grandiflora of the Cascade type.

1/2 Tr. Pkt. \$1.50 Tr. Pkt. \$2.75 1/128 oz. \$4.75 1/64 oz. \$8.75
1/32 oz. \$16.75 1/16 oz. \$32.00 1/8 oz. \$60.75 1/4 oz. \$115.75

MIDNIGHT STAR

Flower is a very deep blue with a narrow white star. This is an unusual bicolor that is extremely attractive.

1/2 Tr. Pkt. \$1.00 Tr. Pkt. \$1.75 1/128 oz. \$3.50 1/64 oz. \$6.50
1/32 oz. \$12.00 1/16 oz. \$20.00 1/8 oz. \$36.00 1/4 oz. \$65.00

PINK CASCADE

Rose pink (Primadonna color) with light yellow throat. This is a new class of Grandifloras that make compact plants that will hold erect or cascade over banks or window boxes.

RED CASCADE

Fiery bright scarlet—produces large flowers. Growth is spreading and is ideal for window boxes.

WHITE CASCADE

Pure white counterpart of the other Cascade. Same habit of growth.

SNOW MAGIC

This is a larger flowered improvement of "White Magic." The habit is vigorous, free flowering, compact and spreading.

PRICES OF ABOVE VARIETIES

1/2 Tr. Pkt. \$1.50 Tr. Pkt. \$2.75 1/128 oz. \$4.75 1/64 oz. \$8.75
1/32 oz. \$16.75 1/16 oz. \$32.00 1/8 oz. \$60.75 1/4 oz. \$115.75

ZINNIA THUMBELINA ALL-AMERICA SELECTION

This is a new strain of Zinnia which is ideal for edging. The plant grows about 6" tall and is literally covered with 1 1/4"-1 1/2" flowers. This mixture consists of white, yellow, pink, lavender, orange and scarlet, and originator states that "Thumbelina" starts to flower when about 4" tall, making small specimens for flats or peat pots.

Tr. Pkt. \$.75 1/16 oz. \$1.50 1/8 oz. \$2.75
1/4 oz. \$5.00 Oz. \$15.00

FLOWER AND VEGETABLE SEEDS

SNAPDRAGON FLOWERING PROGRAM FOR THE NORTH

FOR WINTER AND EARLY SPRING

VARIETY		January 1-15/16-31	February 1-15/16-28	March 1-15/16-31	April 1-15/16-30	December 1-15/16-31
WHITE	Albion	x	x	x	x	x
	Citation	x	x	x	x	x
	Maryland White	x	x	x	x	x
	Ohio	x	x	x	x	x
	Pan American White	x	x	x	x	x
PINK	White Knight	x	x	x	x	x
	Ann Marie	x	x	x	x	x
	Christina	x	x	x	x	x
	Maryland Pink	x	x	x	x	x
	Maryland Flamingo	x	x	x	x	x
	Nashua	x	x	x	x	x
	New York	x	x	x	x	x
	Rebecca	x	x	x	x	x
	Rosebud	x	x	x	x	x
	Top Flight	x	x	x	x	x
	Whirlaway	x	x	x	x	x
	Wintergreen	x	x	x	x	x
	Wisconsin	x	x	x	x	x
YELLOW	Patricia	x	x	x	x	x
	Swaps	x	x	x	x	x
	Vermont	x	x	x	x	x
	War Admiral	x	x	x	x	x
BRONZE	Barbara	x	x	x	x	x
	Cavalcade	x	x	x	x	x
	Martha	x	x	x	x	x
	Maryland Orange	x	x	x	x	x
RED	Maryland Red	x	x	x	x	x
PURPLE	Maine	x	x	x	x	x

Timetable for Winter and Early Spring

(Sowing Temperature 65° Minimum)
(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
August 4	August 25	December 1-15
August 8	August 29	December 16-31
August 10	August 31	January 1-15
August 17	September 7	January 16-31
August 24	September 14	February 1-15
September 2	September 28	February 16-28
September 14	October 12	March 1-15
October 5	November 2	March 16-31
October 26	November 23	April 1-15
November 9	December 7	April 16-30

FOR LATE SPRING AND FALL

VARIETY		Apr. 16-30	May 1-15/16-31	June 1-15/16-30	Sept. 15-30	October 1-15/16-31	Nov. 1-15
WHITE	Delaware	x	x	x	x	x	x
	Potomac White	x	x	x	x	x	x
	Utah	x	x	x	x	x	x
	Virginia	x	x	x	x	x	x
PINK	Kentucky	x	x	x	x	x	x
YELLOW	Colorado	x	x	x	x	x	x
	Potomac Yellow	x	x	x	x	x	x
	Nevada	x	x	x	x	x	x
BRONZE	Kansas	x	x	x	x	x	x
RED	Tennessee	x	x	x	x	x	x

Timetable for Late Spring and Fall

(Sowing Temperature 65° Minimum)
(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
October 26	November 23	April 16-30
November 30	December 28	May 1-15
December 28	January 25	May 16-31
February 1	February 28	June 1-15
March 2	March 28	June 16-30
June 27	July 18	September 16-30
July 4	July 25	October 1-15
July 11	August 1	October 16-31
July 18	August 8	November 1-15

SNAPDRAGON FLOWERING PROGRAM FOR THE NORTH

FOR LATE WINTER AND SPRING

VARIETY		Feb. 15-28	March 1-15/16-31	April 1-15/16-30	May 1-15	Oct. 16-31	November 1-15/16-30
WHITE	Twenty Grand	x	x	x	x	x	x
	Apollo	x	x	x	x	x	x
	Snowman	x	x	x	x	x	x
	Margaret	x	x	x	x	x	x
	Pan American Winter White ..	x	x	x	x	x	x
PINK	Spartan Winter White	x	x	x	x	x	x
	Hercules	x	x	x	x	x	x
	Indiana	x	x	x	x	x	x
	Jackpot	x	x	x	x	x	x
	Libby	x	x	x	x	x	x
YELLOW	Native Dancer	x	x	x	x	x	x
	New Times	x	x	x	x	x	x
	Brokers Tip	x	x	x	x	x	x
	Gold Mine	x	x	x	x	x	x
	Golden Spike	x	x	x	x	x	x
RED	Navajo	x	x	x	x	x	x
LAVENDER	Lavender Lady	x	x	x	x	x	x

Timetable for Late Winter and Spring

(Sowing Temperature 65° Minimum)
(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
July 18	August 8	October 16-31
July 25	August 15	November 1-15
August 1	August 22	November 16-30
August 24	September 24	February 16-28
September 2	September 28	March 1-15
September 21	October 19	March 16-31
October 12	November 9	April 1-15
November 2	November 30	April 16-30
December 14	January 11	May 1-15

FOR SUMMER

VARIETY		June 15-30	July 1-15/16-31	August 1-15/16-31	September 1-15/16-30
WHITE	No. 2 Crystal White	x	x	x	x
	June Bride	x	x	x	x
	Potomac White	x	x	x	x
	Rockwood Crystal White	x	x	x	x
	Spartan Summer White	x	x	x	x
PINK	Texas	x	x	x	x
	White Skies	x	x	x	x
	Florida	x	x	x	x
	Gaytime	x	x	x	x
	P. A. Summer Pink	x	x	x	x
YELLOW	Potomac Pink	x	x	x	x
	Rockwood Summer Pink	x	x	x	x
	Summer Jewel	x	x	x	x
	Dark Star	x	x	x	x
	P. A. Summer Yellow	x	x	x	x
LAVENDER	Potomac Yellow	x	x	x	x
RED	Rockwood Summer Yellow	x	x	x	x
	Arizona	x	x	x	x
	Potomac Red	x	x	x	x
	Rockwood Summer Red	x	x	x	x

Timetable for Summer Flowering

(Sowing Temperature 65° Minimum)
(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
February 17	March 14	June 16-30
April 4	April 25	July 1-15
April 25	May 16	July 16-31
May 9	May 30	August 1-15
May 23	June 13	August 16-31
June 13	July 4	September 1-15
June 20	July 11	September 16-30

Southern growers can revise these schedules as follows:

For Mid-Winter flowering (December thru March) use varieties suggested for flowering in the North from (mid-February thru April 1st) and (Mid-October to December 1st).

For flowering late spring through early fall (April thru mid-October) use varieties suggested for flowering in the North (mid-May to September 1st).

FLOWER AND VEGETABLE

SNAPDRAGONS—Greenhouse Strains

YODER HYBRID IMPROVED SELECTIONS

ARIZONA (Summer Hybrid)

Lavender hybrid. Color resembles the spring variety Lavender Lady. Vigor is high. Spikes are long and gracefully tapered.

COLORADO (Late Spring and Fall Hybrid)

Large flowered yellow hybrid. Very uniform and vigorous. Color of Broker's Tip.

DELAWARE (Spring and Fall Hybrid)

Ivory white hybrid. Retains and improves the valuable traits of Citation. Floret is large, stems heavy with very long spikes.

FLORIDA (Summer Hybrid)

Vigorous light pink. Displays superb color retention under high temperature and is highly shatterproof. Spikes are long with compact florets.

INDIANA (Late Winter and Spring Hybrid)

Light rose pink. Equally valuable for early fall. Large floret. Spikes are long and tapered.

KANSAS (Late Spring and Fall Hybrid)

Brilliant golden bronze hybrid. A vigorous variety with strong stem and long spikes.

KENTUCKY (Late Spring and Fall Hybrid)

Glorious apple blossom pink. A vigorous, clean stemmed hybrid with a minimum of shatter.

MAINE (Winter and Early Spring Hybrid)

Rich purple hybrid. The florets are very large and beautifully spaced on strong spikes.

NEVADA (Late Winter—Late Fall Hybrid)

Intense yellow hybrid. Develops a huge floret on vigorous long spikes.

NEW YORK (Late Winter—Late Fall Hybrid)

Smooth light pink. Displays tremendous vigor and earliness. Spike is large and compact. Very clear pink with minimum of yellow in lower lip. Highly shatterproof.

OHIO (Winter Hybrid)

Pure paper white hybrid. Florets are compactly spaced and shatterproof.

TENNESSEE (Spring—Summer Hybrid)

A real deep red hybrid. Quite shatterproof with good floret spacing on long uniform spikes.

TEXAS (Summer Hybrid)

Largest and best white. For June through September. Stem and spike length of exceptional size and quality.

UTAH (Spring—Fall Hybrid)

Ideal pure white variety producing a large flower spike on an overall shorter plant.

VERMONT (Winter Hybrid)

Primrose yellow hybrid. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

VIRGINIA (Spring—Fall Hybrid)

A vigorous paper white hybrid. Long spikes, hard, clean stem with good large florets that are shatterproof.

WISCONSIN (Winter Hybrid)

Intense, dark pink. Spikes are long and tapering. Stems are medium and hard.

Price of the Above per Pkt. \$4.00

The above also available in 1/2 Tr. Pkts. at \$2.25 each



SNAPDRAGON HYBRID

ANTIRRHINUMS (Snapdragon) — Greenhouse Strains
SNAPDRAGON CULTURE

SOIL PREPARATION — A loose, porous soil containing about one-fourth peat moss by volume has been satisfactory in many ranges. Add four or five pounds of superphosphate per 100 square feet of bench area before planting. Thoroughly steam sterilize at least once a year, preferably after cutting off the summer flowering crop. Make sure the soil is uniformly moist and that a temperature of 180 deg. F. is maintained for at least one-half hour. Over-steaming will not harm the soil.

SEED GERMINATION — Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 70 deg. F. and keep the medium uniformly moist especially the top one-half in the flat.

Use neutral peat which has been shredded and screened, or any other loose, porous mixture for your propagating medium. For surest results, the mixture should be steam sterilized in the flats before sowing the seeds. When the seeds have germinated, give them increasingly more sun and ventilation.

DIRECT BENCHING — Consistently good results have been obtained by direct benching from seedling flats. You can do this safely about three weeks from the sowing date. Direct benching saves time and labor and invariably results in more vigorous plants, since there is no hardening or check in growth as sometimes happens when seedlings have been banded or potted.

FERTILIZATION — Maintain a level of about 20 ppm nitrogen and potash (Spurway) during the early stages of growth. Gradually taper off nitrogen feedings when spikes appear. Liquid feedings of 15-30-15, 20-20-20, etc., once every two weeks, are adequate at the rate of one ounce in five gallons of water (one-half pound per 100 gallons).

Summer-flowering crops should be fed heavier than the above schedule to keep pace with the faster rate of growth.

SNAPS IN WINTER AT 60°

Some interest has been shown by year round mum growers to produce a crop of late Winter Snaps which they could grow at 60° nights in the same house with mums.

Tests carried out by **Yoder Bros.** show the best results were obtained from the Spring-Fall group, and that the best of these, for this crop, are apparently Virginia (White), Kentucky (Light Pink), Colorado (Yellow), and Tennessee (Red).

The Potomac varieties, especially Yellow, were satisfactory, but flowered several weeks later.

At right is a suggested time table in the event you would like to try this on an experimental basis:

SOW	BENCH	FLOWER
Sept. 7.....	Sept. 28.....	Jan. 18-Feb. 8
Sept. 14.....	Oct. 12.....	Feb. 8-Feb. 22
Sept. 28.....	Oct. 26.....	Mar. 7-Mar. 28

PINK AND ROSE

Tr. Pkt.

• Anne Marie—Bright medium pink.....	\$4.00
• Christina—Light salmon pink.....	4.00
• Florida—Light pink (Summer).....	4.00
• Gay Time—Rose pink (Summer).....	4.00
• Hercules—Light pink for Spring.....	4.00
• Indiana—Light rose pink.....	4.00
• Jackpot—Medium deep rose.....	4.00
• Kentucky—Appleblossom pink.....	4.00
• Libby—Dark rose pink.....	4.00
• Maryland Flamingo—Salmon rose.....	4.00
• Maryland Pink Improved—Early light pink.....	4.00
• Nashua—Light rose.....	4.00
• Native Dancer—Light rose.....	4.00
• New Times—Bright rose.....	4.00
• New York—Clear light pink.....	4.00
• P. A. Summer Pink—Light rose pink.....	4.00
• Potomac Pink—Medium pink (Summer).....	4.00
• Rebecca—Light pink hybrid.....	4.00
• Rockwood's Summer Pink No. 1.....	3.00
• Rosebud—Pastel pink.....	4.00
• Summer Jewel—Deep pink (Summer).....	4.00
• Top Flight—Light rose pink.....	4.00
• Whirlaway—Light pink.....	4.00
• Wintergreen—Light rose.....	4.00
• Wisconsin—Intense, dark pink.....	4.00

WHITE

Tr. Pkt.

• Albion—Paper white.....	\$4.00
• Apollo—Ivory white similar to Margaret.....	4.00
• Citation—Ivory white.....	4.00
• No. 2 Crystal Palace—Paper white (Summer).....	4.00
• Delaware—Ivory white.....	4.00
• Margaret—Ivory White.....	2.00
• Maryland White—Improved true paper white.....	4.00
• Ohio—Pure paper white.....	4.00
• P. A. Winter White—Strong pure white. Best Feb.-Apr.....	4.00
• Potomac White—(Summer).....	4.00
• Rockwood's Crystal White—(Summer)—Reselected.....	4.00
• Snowman—Excellent pure white for Winter and Spring.....	4.00
• Spartan Winter White—Late Winter pure white.....	4.00
• Spartan Summer White—Pure white, early.....	4.00
• Texas—Largest paper white. For Summer.....	\$4.00

WHITE (Continued)

Tr. Pkt.

• Twenty Grand—Medium early ivory white.....	4.00
• Utah—Strong compact paper white.....	4.00
• Virginia—Paper white.....	4.00
• White Knight—Improved paper white.....	4.00
• White Skies—Pure white (Summer).....	4.00

YELLOW

Tr. Pkt.

• Broker's Tip—Deep yellow.....	\$4.00
• Colorado—Yellow.....	4.00
• Dark Star—Clear yellow (Summer).....	4.00
• Gold Mine—Deep golden yellow.....	4.00
• Golden Spike—Rich deep golden yellow.....	4.00
• Nevada—Intense yellow.....	4.00
• P. A. Summer Yellow—Tall vigorous bright yellow.....	4.00
• Potomac Yellow—(Summer).....	4.00
• Patricia—Yellow.....	4.00
• Rockwood's Summer Yellow—Fairly-deep yellow.....	3.00
• Swaps—Yellow.....	4.00
• Vermont—Pastel primrose yellow.....	4.00
• War Admiral—Yellow.....	4.00

LAVENDER

Tr. Pkt.

• Arizona—Lavender (Summer).....	\$4.00
• Lavender Lady—Deep rosy-lavender.....	4.00
• Maine—Rich purple.....	4.00

BRONZE AND ORANGE

Tr. Pkt.

• Barbara—Dark bronze.....	\$4.00
• Cavalcade—Lively golden bronze.....	4.00
• Kansas—Golden bronze.....	4.00
• Martha—Golden bronze.....	4.00
• Maryland Orange.....	4.00

RED

Tr. Pkt.

• Maryland Red.....	\$4.00
• Navajo—Good all-purpose red.....	4.00
• Potomac Red—Large dark red.....	4.00
• Rockwood's Summer Red.....	3.00
• Tennessee—Deep red.....	4.00

• Denotes hybrid varieties.

Where Tr. Pkt. is \$4.00, ½ Tr. Pkt. is \$2.25

ANTIRRHINUM...for Outdoors

F₁ HYBRID ROCKET

This strain is without a doubt the finest that has been developed for outdoors to date. Rockets make an ideal outdoor cut flower that will produce a Couple of Crops if well established plants are set out in early summer. It is suggested that the plants be pinched before selling to your customer. While this will reduce stem length it will increase the number of flowers due to the reduced height.

Available in the following colors:

Bronze	Orchid	White
Golden	Red	Mixed
Light Pink	Rose	

Tr. Pkt. \$3.00	1/64 oz. \$5.50	1/32 oz. \$10.00
1/16 oz. \$19.25	1/8 oz. \$36.50	1/4 oz. \$69.50

F₂ PANORAMA STRAIN

Plants are husky and eye appealing—Ideal for bedding and flat plant sales. Spikes, 8-12 inches, are borne on sturdy 2½ to 3 foot stems. Especially bred to take hot summer conditions. Only available in mixed colors.

Mixed—A bright colored mixture produced from F₁ hybrid parents.

Tr. Pkt. \$.55	1/8 oz. \$1.65	1/4 oz. \$3.00	Oz. \$9.00
-----------------	----------------	----------------	------------

F₁ SPRITE SNAPDRAGON



MAJUS-MAXIMUM GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

Alaska (Snowflake)—White	Padre —Deep crimson
Brilliant Rose —Rose pink	Rosalie —Rich deep rose; underlying tone of topaz or amber
Cherry Rose —a new bright color	Yellow Giant —Deep yellow
Copper Queen —Bronzy copper blending to antique gold	Finest Mixed
Orange Shades —deep to light orange	

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	1/8 oz. \$.85	1/4 oz. \$1.50	Oz. \$3.75
-----------------	----------------	----------------	------------

GIANT RUFFLED TETRAPLOID

(Approx. 104,000 seeds per oz.)

One of the most satisfactory outdoor snaps. Almost never crippled with rust. Blooming size plants are tall with thick stems which keep the spikes erect and the tips straight. flowers large, mostly ruffled.

Candlelight —Bright yellow	Pink Shades —Pink to deep rose
Crimson —Deep velvety crimson	Sunset —Bronze, pink, prim-rose
Rose —Bright rose	
White —Pure white	

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.65	1/8 oz. \$1.60	1/4 oz. \$2.80	Oz. \$8.35
-----------------	----------------	----------------	------------

Superfine Mixture (Tetra Snaps)—Erect and husky growth, medium tall with huge ruffled florets in many colors and bi-colors, some veined.

Tr. Pkt. \$.55	1/8 oz. \$1.30	1/4 oz. \$2.35	Oz. \$6.85
-----------------	----------------	----------------	------------

DWARF GRANDIFLORUM (Approx. 200,000 seeds per oz.)

Avalanche —Pure white	Red Emperor —Rich deep scarlet
Flambeau —Scarlet	Royal Rose —Deep rose
Golden Monarch —Golden yellow	Saint George —Orange cerise
Orange Glow Improved —Orange	Startler —Glowing cerise
	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.55	1/8 oz. \$.90	1/4 oz. \$1.60	Oz. \$5.25
-----------------	----------------	----------------	------------

F₁ HYBRID NANUM "SPRITES" (New)

This is a new semi-dwarf Snap hybrid that is ideal for the garden. The plants are base branching, growing to a height of about 15"/18". They flower early and because they are base branching, bloom over a long period.

Cherry Sprite —Bright cherry rose
Crimson Sprite —Deep crimson
Scarlet Sprite —Intense fiery scarlet
White Sprite —Pure white with touch of yellow in center.
Yellow Sprite —Clear canary yellow
United Sprites —A Formula Blend of all colors

Tr. Pkt. \$2.00	1/64 oz. \$3.80	1/32 oz. \$7.20	1/8 oz. \$26.00
		1/4 oz. \$49.00	

AGATHEA (Blue Daisy)

(Approx. 27,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
COELESTIS—The lovely, free flowering blue Marguerite.....	\$.30	\$.90	\$2.70

AGERATUM

(Approx. 230,000 seeds per oz.)

One of the most desirable flowers for edging and borders. They are easy to grow and flower from early summer until frost in partially shaded as well as sunny locations.

	Tr. Pkt.	1/4 oz.	Oz.
BLUE BALL IMPROVED—Dwarf and compact. Uniform rich blue color.....	\$.45	\$1.35	\$4.35
BLUE CAP—Rich blue, very compact...	.40	1.20	3.60
BLUE MINK (Tetra)—Giant blooms on husky plants	.50	2.25	6.75
BLUE PERFECTION—Dark blue.....	.30	.50	1.65
FAIRY PINK—Soft salmon pink, 12"...	.60	1.85	6.50
LITTLE BLUE STAR—6 inches high, fine for bedding.....	.40	1.25	4.00
MIDGET BLUE—Very dwarf with delicate fine foliage; blue flowers.....	.50	1.80	6.00

ALYSSUM (Approx. 75,000 seeds per oz.)

All of the Alyssum are fragrant and are valuable for bedding and edging. Cut them back when they get ragged in mid-summer and in several weeks they will again be covered with blooms.

BOUQUET (Carpet of Snow)—Best dwarf variety.

Tr. Pkt. (1/4 oz.) \$.35 Oz. \$1.00 1/4 lb. \$3.25

LITTLE GEM—Dwarf and compact.

Tr. Pkt. (1/4 oz.) \$.35 Oz. \$1.00 1/4 lb. \$3.25

PINK HEATHER (A.A.S.)—Light pink which deepens in cool weather, 6 inches tall.

Tr. Pkt. \$.50 1/4 oz. \$1.50 Oz. \$5.00

ROYAL CARPET (Procumbens)—Rich purple.

Tr. Pkt. \$.40 1/4 oz. \$1.00 Oz. \$2.70 1/4 lb. \$8.00

VIOLET KING—Deep violet flowers. Very compact growth.

Tr. Pkt. \$.45 1/4 oz. \$1.50 Oz. \$4.50 1/4 lb. \$15.00

VIOLET QUEEN—Dwarf compact, rich deeps shades of violet.

Tr. Pkt. \$.30 1/4 oz. \$.60 Oz. \$1.80 1/4 lb. \$6.00

ROSIE O'DAY—'61 ALL-AMERICA SELECTION freely produced blossoms of deep rose pink completely blanket the plant which reaches a height of 3 to 4 inches and a spread of about 10 inches.

Tr. Pkt. \$.85 1/4 oz. \$2.50 Oz. \$7.50

AMARANTHUS (Approx. 47,000 seeds per oz.)

For a striking display—sell them Amaranthus Molten Fire. The crimson foliage of this plant makes a beautiful display as a background plant. For best results grow in a night temperature of 60 degrees and run on the dry side. For best growth outside—they should not be planted until warm nights are a certainty. Sow February 1-15.

MOLTEN FIRE—Leaves are iridescent crimson.

Tr. Pkt. \$.30 Oz. \$2.25

TRI-COLOR SPLENDENS (St. Joseph's Coat)—Yellow, red and green foliage—3 feet.

Tr. Pkt. \$.30 Oz. \$1.80

ASPARAGUS (New Crop Seed in Mid-February)

Looking for a mass market item—A June sowing of Asparagus Plumosus Nanus directly into 3-inch pots will make nice plants for Fall and Early Winter sales. Used extensively as a green filler for cut flower work.

	1000 Seeds	5000 Seeds	10,000 Seeds
PLUMOSUS NANUS	\$2.50	\$10.00	\$18.50
SPRENGERI	2.50	10.00	18.50



AMARANTHUS TRI-COLOR SPLENDENS

AGERATUM BLUE MINK



(Approx. 12,000 seeds per oz.)

EARLY CHARM (NEW)

Early Charm is extremely early to bloom. The plants stand 18 inches tall, with many lateral stems which support a profusion of 3-inch double flowers, with broad overlapping petals.

Six separate colors are available in the EARLY CHARM series, as follows:

Azure Blue	Deep Rose	White
Crimson	Peachblossom	Mixed
Dark Blue		

Tr. Pkt. \$.75 ¼ oz. \$1.50 Oz. \$4.50

FLORIST STRAIN (Wilt Resistant)

Bred especially for off-season crops under glass. Stems are long and strong, and the long-lasting flowers often measure 4 inches across. Seed is produced each year from special selected line-bred planting stock.

Pink Lady—Rich glowing salmon pink. This distinct color is different from any color on the market at the present time. Produces a fully high quality flower with wide incurved petals. Pink Lady showed up well at recent trials and is a welcome addition to the list of cut flower varieties.

Azure Ball —Fully double light blue.	Dark Purple Ball —Deep purple.
Pink Ball —Fully double shell pink flowers. Bloom normally mid-August.	White Ball —Pure white flowers. Blooms late August.
Rose Ball —Fully double flowers, rich rose.	Phlox Ball —Double medium large flower of a soft peach blossom pink color.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.75 ¼ oz. \$3.20 Oz. \$9.60 ¼ lb. \$29.00

QUEEN OF THE MARKET

These well-known early flowering Asters are of branching habit, about 20 inches tall, blooming mid-July.

Azure Blue	Dark Blue or Purple	White
Crimson	Light Blue or Lavender	Finest Mixed
Flesh Pink	Rose	

AMERICAN BRANCHING

Plants 2 to 2½ feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

Azure Blue or Lavender	Rose	Peerless Pink
Heart of France —Scarlet crimson	Sensation —Deep crimson	White —Extra select, long stems
Purple	Shell Pink —(Mary Semple)	Finest Mixed

EARLY ROYAL BRANCHING

Plants branching 2 to 2½ feet, blooming mid-August, directly following the Queen of the Market.

Azure Blue or Dark Lavender	Ball Purple	
Ball Deep Rose	Shell Pink	
	White	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 ¼ oz. \$.65 Oz. \$2.00
¼ lb. \$7.00 Lb. \$21.00



ASTER PINK LADY ▼

▲ ASTER EARLY CHARM



EARLY BEAUTY (Improved American Beauty)

Blooms August and continues until frost. The large and double flowers are produced on long heavy stems; plants 2 to 3 feet high.

Azure Fairy— Dark Lavender	Peach Blossom Purple Robe	September Beauty —Shell pink
Deep Rose	White	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	¼ oz. \$1.40	Oz. \$4.25
¼ lb. \$12.50	Lb. \$37.50	

KING TYPE (Non-Resistant)

The quilled petals make these flowers attractive and give the flower hardness—normally blooms late August.

Lavender	Shell Pink	Mixed
Rose	Violet	Talisman—Salmon pink
Salmon	White	with gold center

Tr. Pkt. \$.50	¼ oz. \$1.50	Oz. \$4.50
¼ lb. \$13.50	Lb. \$40.00	

SUPER PRINCESS

Crested or cushion centered blooms. Excellent cut flower. Blooms from mid-August on.

Azure Blue		
Blood Red	Salmon Rose	White
Cream	Scarlet Pimpernel	Yellow
Light Pink	Violet	Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	¼ oz. \$1.50	Oz. \$4.50	¼ lb. \$13.00
-----------------	--------------	------------	---------------

CONTINUOUS FLOWERING OF ASTERS

Sow Seeds	Pot Seedlings	Bench Plants	Flowering Date Approximate
Dec. 10	Jan. 10	March 1	May
Feb. 1	Feb. 20	April 1	June
March 15	April 10	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September
June 10	July 1	Aug. 15	October
June 20	July 15	Aug. 20	November
July 10	Aug. 1	Sept. 1	December
July 15	Aug. 10	Sept. 15	January
August 15	Sept. 10	Nov. 1	February
Sept. 10	Oct. 1	Dec. 1	March
Oct. 20	Nov. 15	Jan. 1	April

Plants must be given additional light between September 1 and May 1 regardless if they are in seed flats or in the bench. If the plants are not lighted while in small pots, they develop a rosette of leaves and growth of the stem and flowers are delayed. Plants should be lighted until the first flowers show color.

Low wattage bulbs will suffice for additional light. On a four-foot bench, 60-watt lamps spaced 5 feet apart and about 24 inches above the plants will give ample light for this crop. Spacing is usually 8 x 8 inches in the bench and a 60° night temperature is essential.

ADDITIONAL LIGHTING SCHEDULE

3 hours during the months of Sept., Oct., March and April.

4 hours during the months of November and February.

5 hours during the months of December and January.

IMPROVED CREGO

Plants robust, branching, about 2½ feet tall, flowers large, double and well formed; one of the finest varieties for all purposes. Blooms mid-August.

Azure Blue	Deep Rose	Purple or Dark Blue
Blue Flame—Rich blue	Peach Blossom White	
Crimson	Shell Pink	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	¼ oz. \$.75	Oz. \$2.25	¼ lb. \$7.50
-----------------	--------------	------------	--------------

EARLY GIANT

California giant size blooms on 1½ foot tall plants. Flowers by the first week in September.

Azure Blue	Peach Blossom	White
Crimson	Rose Marie—Rich rose	Mixed
Light Blue		

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	¼ oz. \$1.50	Oz. \$4.50	¼ lb. \$13.50
-----------------	--------------	------------	---------------

COLOR CARPET (W.R.)

Extremely free flower. Plants are Dwarf and globe shaped. The fully double flowers are very attractive. Color Carpet is quite attractive as a border plant, also can be used for pots. Is earlier flowering than the Dwarf Queen.

Blue Carpet.....	Mid blue
Pink Carpet.....	Deep Rose Pink
Red Carpet.....	Carmine Red
White Carpet.....	Pure White
Mixed	Formula Blend

DWARF QUEEN

Early-flowering, 10-inch tall plants. Dwarf, base-branching plants with large flowers produced in abundance. For pot plants must be grown under additional light in the spring, the same as any Royal type used as a cut flower. Can be grown either one plant or three per five or six inch pot. Sufficient feeding and spacing is essential.

Carmine	Light Blue—Lilac blue
Crimson—Crimson red	Rose—Rose-pink
Deep Blue—Violet blue	White—Pure white
Deep Scarlet—Bright deep scarlet	Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	¼ oz. \$1.50	Oz. \$4.50
-----------------	--------------	------------

SINGLE CHINENSIS (Wilt Resistant)

Plants 1½ to 2 feet tall, flowers daisylike, petals wide and closely placed, blooms in late August. This is an outstanding strain with a wide color range.

Upright Single Rainbow Mixed

Tr. Pkt. \$.30	¼ oz. \$.45	Oz. \$1.50	¼ lb. \$5.00
-----------------	--------------	------------	--------------

BOUQUET TYPE (Wilt Resistant)

A good upright class of branching Aster developed for cut flowers. The plants grow about 2 feet tall and produce large fully double flowers at the top. These should be cut as a bunch. Mid-August is the normal flowering date.

Azure	Rose
Crimson	Scarlet
Pink	White
Purple	Powderpuffs—Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50	¼ oz. \$1.50	Oz. \$4.50
-----------------	--------------	------------

BEGONIAS

BEGONIA (Fibrous Rooted)

(Approx. 30,000 seeds per 1/32 oz.)

Production of Begonias from seed is simple. January sowing produces plants for spring bedding work. The fine seed is lightly pressed into a sterilized fibrous medium. The seed is kept moist, not covered, and germinates best at 60 to 70 degrees. An economical method has been to shift the seedlings to flats spaced 2 x 2 inches and grow them on until they become crowded. Then transfer to 3- or 4-inch pots.

Try monthly sowings from August to March for a constant supply to meet your customer's demand.

BEGONIA DWARF F₁ HYBRIDS

A new F₁ Hybrid class of Begonias all having bronze foliage. This strain has been especially bred to withstand adverse weather conditions. The growth is compact and mound like.

NEW—COMET AND PLANET STRAINS

Pink Comet—Salmon pink **Red Comet**—Fiery scarlet

Rose Comet—Deep rose **White Comet**—Pure white

Galaxy Mixed—"Formula Blend" of all Comets

Pink Planet—Uniform and dwarf. Bright pink flowers on plants of Comet type, but with green foliage.

Red Planet—Brilliant scarlet counterpart to Pink Planet, but with red-veined green foliage.

ARISTO MIXED

A blend of all varieties in both the Comet and Planet series.

PRICES OF ABOVE VARIETIES

Originator's Pkts. \$2.00 each 5 for \$9.00

F₁ HYBRIDS

HETEROSIS VARIETIES

SOLD IN PACKETS ONLY

As pot plants in 3, 4, or 5-inch pots they may be recommended to your customers for they do well in high temperatures and low light intensities of modern homes. F₁ hybrids, vigorous in pots, are also excellent bedding subjects in part shade or full sun. F₁ seed produces a uniform crop.

	Pkt.	5 Pkts.
Chrisy —Luminous red, dwarf, uniform, vigorous plant	\$2.00	\$9.00
Cappuccino —New semi-dwarf, about 12", F ₁ hybrid with pure white flowers, deep bronzy-green foliage. Good bedding variety	1.50	6.75
Lucifer —Scarlet flowers, dark red foliage	1.50	6.75
Matador —Scarlet blooms with contrasting bright green foliage	2.00	9.00
Pink Pearl —Rich pink	1.50	6.75
Pink Profusion —Rose flowers, green foliage	1.50	6.75
Red Pearl —Scarlet red	1.50	6.75
Red Perfection —Dwarf growth. Fiery crimson flowers	1.50	6.75
Rose Perfection —Large rose pink flowers. Dwarf growth	1.50	6.75
Rosy Red —Green foliage	1.50	6.75
Sleeping Beauty —Bright carmine, free flowering, dark green foliage	2.00	9.00
Stuttgart —Carmine rose, dark red foliage	1.50	6.75
Pink Tausendschoen —Lustrous rose pink	2.00	9.00
Red Tausendschoen —Dark deep red counterpart of Tausendschoen	2.00	9.00
White Tausendschoen —Pure white, dwarf, compact plant	2.00	9.00
Organdy Mixed —Mixture of F ₁ hybrids has a complete range of colors, Red, Pink, White	1.50	6.75



COMET BEGONIAS

REGULAR BEGONIAS

DWARF CLASS

Adeline—Rose pink, green foliage.

Tr. Pkt. \$1.50 1/64 oz. \$3.25 1/32 oz. \$6.00

Dwarf Carmen—Light pink, dark bronze foliage. Compact.

Flamingo—Bi-color with pink edge.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.50 1/64 oz. \$3.50 1/32 oz. \$6.50

Luminosa Compacta—Scarlet red, foliage green

Tr. Pkt. \$1.50 1/64 oz. \$3.25 1/32 oz. \$6.00

INTERMEDIATE CLASS

Indian Maid—Red flowers, deep bronze shiny foliage.

King of the Reds—Red flowers, green foliage.

Luminosa—Deep scarlet, red-brown foliage.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.25 1/64 oz. \$2.75 1/32 oz. \$5.00

Prima Donna—Flowers carmine, foliage tinged red.

Tr. Pkt. \$1.25 1/64 oz. \$2.25 1/32 oz. \$3.75

Scandinavian Pink—Rose pink, dark green foliage.

Scandinavian Red—Red, dark green foliage.

Scandinavian White.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.25 1/64 oz. \$3.00 1/32 oz. \$5.50

White Pearl—White flowers, green foliage.

Tr. Pkt. \$1.25 1/64 oz. \$2.75 1/32 oz. \$5.00

TALL CLASS

Christmas Cheer—Crimson scarlet flowers, foliage green.

Tr. Pkt. \$1.00 1/64 oz. \$2.20 1/32 oz. \$3.75

Paris Market Red—Compact plants with green foliage. Flowers early. Large brilliant red flowers. About 10-12 inches tall.

Paris Market Pink—As above but large rose-pink flowers.

Paris Market White—Same habit as the red but with large pure white flowers.

Paris Market Mixed—Formula blend of above three.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.25 1/64 oz. \$2.75 1/32 oz. \$5.00

TUBEROUS ROOTED BEGONIAS

Tuberous rooted begonias from seed are an inexpensive crop to produce. Sow in mid-January and shift about May 1 for early June sales. They are the answer for customers looking for a brilliantly flowered plant for the shade.

MIXED—Camellia flowered double type,

plants 1½ ft. tall. Tr. Pkt. \$3.00

TASSO—Tuberous rooted multiflora Begonia from seed.

Flowers are a medium size and color a rich deep blood

red. Outstanding as bedding plant. Tr. Pkt. \$3.00

BASIL

DARK OPAL ALL-AMERICA SELECTION

Dark purple foliage with racemes of lighter blue flowers held well above the foliage.

Tr. Pkt. \$1.00 1/4 oz. \$3.25 Oz. \$9.50

BALSAM (Approx. 3,300 seeds per oz.)

DOUBLE BUSH FLOWERING—Scarlet, rose, white, mixed.

Tr. Pkt. \$.40 1/4 oz. \$.75 Oz. \$2.25

DOUBLE CAMELLIA FLOWERED MIXED

Tr. Pkt. \$.30 1/4 oz. \$.50 Oz. \$1.50

DWARF TOM THUMB MIXED

This new Balsam grows about 10 inches tall and is more dwarf and compact than the regular Bush Balsam. Producing its large double flowers above the foliage, this strain is a well balanced mixture in a wide range of colors.

Tr. Pkt. \$1.00 1/4 oz. \$1.80 Oz. \$5.50

BELLS OF IRELAND (*Molucella Laevis*)

(Approx. 7,000 seeds per oz.)

The branching stems are covered with pale green sheaths.

Tr. Pkt. \$.40 1/4 oz. \$1.00 Oz. \$3.00

BROWALLIA (Approx. 65,000 seeds per oz.)

SPECIOSA MAJOR—Violet-blue flowers 1½ inches across, are carried on 10 to 12-inch stems.

Tr. Pkt. \$1.20 1/16 oz. \$3.60 1/8 oz. \$6.60 1/4 oz. \$12.00

CALCEOLARIA (Approx. 20,000 seeds per 1/32 oz.)

CULTURE—The soil used in germinating the seeds should be made up of two parts leaf mold, two parts well-rotted manure, two parts soil, and one part sand. Sterilize the soil and flat with steam to eradicate all disease.

Seed is fine and does not need a soil covering. A night temperature of 60° is recommended for germination. Shift to 2½-inch bands, then to 4 or 5-inch pots for finishing. A 48° house is best after the shift. Spray weekly with parathion for aphid control, and shade from direct sun after February. Over-watering causes yellowing.

GLOECKNERS STRAIN MIXED (New)

Compact plants with medium sized flowers produced on large heads. This mixture has a full color range including red, yellow, bronze, rose, strawberry and mottled.

Seed for 1,000 plants, \$10.00

IMPROVED GERMAN STRAIN

Multiflora Nana Mixed—Dwarf growth with large, compact heads of medium sized flowers. This fine strain contains a good range of colors.

Tr. Pkt. \$1.75 1/128 oz. \$4.25 1/64 oz. \$7.00
1/32 oz. \$12.50

GILBERT'S STRAIN

This is an improvement over the original Multiflora Nana type. Compact habit of growth; good selection of colors in the mixture; excellent foliage.

Multiflora Nana Red	Triumph Strain (Grandiflora)
Multiflora Nana Yellow	Large flowered strain, the
Multiflora Nana Mixed	best in its class.

PRICES OF ABOVE VARIETIES

Packet \$2.50

CALENDULA (Approx. 4,500 seeds per oz.)

This long stemmed class will flower freely during the spring from a January sowing. For mid-winter sow Aug.-Sept.

Ball's Gold—Golden yellow,

Lemon Queen—Lemon yellow, dark brown eye

Orange Shaggy

Masterpiece—Orange, dark center

Orange King—Deep orange

Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50 1/4 oz. \$1.00 Oz. \$3.00 1/4 lb. \$9.00

CANDYTUFT (Approx. 12,000 seeds per oz.)

DWARF COMPACT

"Fairy Mixed"—Plants 8-10" tall. Uniform in height and spread.

Tr. Pkt. \$.50 Oz. \$1.25 1/4 lb. \$3.50

GIANT HYACINTH FLOWERED

White—Improved florist strain.

Tr. Pkt. \$.30 Oz. \$.90 1/4 lb. \$3.00 Lb. \$10.00

CARNATION (*Enfant de Nice*)

(Approx. 14,000 seeds per oz.)

One of the best annual Carnations. Plants are strong, robust growers bearing flowers 2½ to 3 inches in diameter on good stiff stems. Do not expect over 75% to come true to color or better than 90% double flowers.

White
Salmon

Rose
Red

Spectrum Red
Yellow Mixed (Formula Blend)

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50 1/8 oz. \$1.75 3/4 oz. \$3.00 Oz. \$9.00



CANDYTUFT GIANT HYACINTH FLOWERED

CENTAUREA (Approx. 6,000 seeds per oz.)

CYANUS (Bachelor Button)

Listed below are the finest improved Florist strains of Centaurea Cyanis. The flowers are large, fully double and the colors intensified. The long stems of this strain make them excellent for cut flower purposes. May be used for greenhouse flowering in spring, or sown outdoors in fall for flowers in June and July.

Blue Boy—Excellent for forcing. This bright blue variety has been the most popular cornflower over the years.

Pinkie—Deep pink.

Red Boy—Deep red.

Snowman—Clear white.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 Oz. \$.65 ¼ lb. \$2.20 Lb. \$6.50

AMERICANA

Lilac—Thistle-like blooms of rosy-lavender color. Splendid for cutting. Tr. Pkt. \$.30 Oz. \$.75

DUSTY MILLERS (White-Leaved Types for Border Work) (Approx. 7,500 seeds per oz.)

Candidissima (Lamb's Ear)—Silvery grey foliage. This is a slow growing variety that must be started early.

Tr. Pkt. \$.70 ¼ oz. \$1.50 Oz. \$4.50

Gymnocarpa (Fern Leaf)—Fine silvery fern-like foliage.

Tr. Pkt. \$.35 ¼ oz. \$.60 Oz. \$1.80

CHRYSANTHEMUM (Annual)

(Approx. 10,000 seeds per oz.)

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as a cut flower, but for best results keep them in water 24 hours before marketing. Sow in mid-August to follow early Chrysanthemums. Responds very well to additional light.

MERRY MIXTURE—Gay Tri-colors.

Tr. Pkt. \$.40 Oz. \$2.25



CHERRY (CHRISTMAS)

CHERRY (Christmas) (Approx. 12,000 seeds per oz.)

Seed should be sown in late June or early February. Plunge pots outdoors during the summer and bring inside during early fall (September).

MASTERPIECE—Round orange fruits freely produced on uniform bushy plant.

Tr. Pkt. \$.30 ¼ oz. \$1.50 Oz. \$4.50

CLARKIA (Elegans Double)

For spring flowering sow in early January and grow in shallow soil in flats or benches. Keep plants on the dry side as vigorous growth is not wanted.

MIXED..... Tr. Pkt. \$.30 Oz. \$2.25

CELOSIA

For spring plant sales, sow 6 weeks before planting out time. A 60° night temperature is best. Tall varieties are grown for cut and are easily dried for winter bouquets. Dwarf kinds are recommended for summer pot plants and bedding.

CRISTATA (Cockscomb Type)

(Approx. 29,000 seeds per oz.)

Dwarf Empress—Scarlet flower. Bronze foliage.

Dwarf Golden Yellow (Aurea)

Tr. Pkt. \$.30 ¼ oz. \$.80 Oz. \$2.50

Toreador—Red flower. Green foliage.

Tr. Pkt. \$.75 ¼ oz. \$2.00 Oz. \$6.00

Yellow Toreador—Yellow companion to Toreador.

Tr. Pkt. 50c ¼ oz. \$2.50 Oz. \$7.50

Gilberts Maple Gold—Combs vary in color from light to dark pink. Originator's Pkts. \$.50

Kardinal—8 inches tall. Very large red combs, green foliage, for pots, bedding, borders and combinations.

Tr. Pkt. \$.55 ¼ oz. \$2.00 Oz. \$6.00

ROSE BEAUTY (New)

Huge brilliant, glistening rose Combs. Plants are uniform and dwarf with foliage a deep green.

Tr. Pkt. \$.75 ⅛ oz. \$1.50 ¼ oz. \$2.50 Oz. \$7.50

Dwarf Cristata Mixed—This is a reselected strain of Dwarf Cockscomb. The selection was made of plants that were compact and at the same time produced large Combs above the foliage. This has been achieved and a strain product that is outstanding. The color range is wide, consisting of orange—salmon—bronze—deep red—cream—pink and rose carmine. Ideal for bedding or as a border plant.

Tr. Pkt. \$.75 ¼ oz. \$5.50 Oz. \$17.50

PLUMOSA (Plumed or Feathery Type)

(Approx. 43,000 seeds per oz.)

Dwarf varieties are good for bedding and as spring and summer pot plants. Taller strains are good late summer cut flowers.

DWARF VARIETIES

Fiery Feather—Dwarf, red plumes freely produced in attractive pyramid.

Golden Feather—Dwarf, same as Fiery Feather, but with golden yellow plumes.

Lilliput Choice Mixed—Dwarf uniform growth.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 ¼ oz. \$1.30 Oz. \$4.25

TALL VARIETIES

Forest Fire Improved—Earlier flowered and a little dwarfer than regular Forest Fire with large orange red plumes.

Tr. Pkt. \$.50 ¼ oz. \$1.50 Oz. \$4.50

Golden Plume—4 feet, golden yellow.

Scarlet Plume—4 feet, scarlet.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 ¼ oz. \$1.20 Oz. \$3.60

Thompsoni Magnifica Mixed (Pride of Castlee Gould)—Blend of red-yellow, copper and gold.

Tr. Pkt. \$.35 ¼ oz. \$.60 Oz. \$2.00

CLEOME

Makes a colorful bedding plant for backgrounds and remains constantly in bloom throughout the entire season.

PINK QUEEN

Large flower heads of bright rosy pink later changing to white. Height 4 feet.

Tr. Pkt. \$.40 ¼ oz. \$.60 Oz. \$2.00

HELEN CAMPBELL

Same as above but color is pure glistening white.

Tr. Pkt. \$.50 ¼ oz. \$.90 Oz. \$2.70

CINERARIA

Siter's Hybrids Trade Mark®

They are a distinct improvement over the original Siter's Strain, and because they are Hybrids from original crosses, cannot be offered by anyone but the originator.

This is an entirely new group of Cineraria Hybrids, blended for a perfect combination of colors, ranging from bright-eyed type sthrough the finer pastel shades.

These new types carry large flower heads with medium-large individual flowers.

Seed for 500 plants.....\$ 5.00
Seed for 1000 plants..... 10.00

Positively do not use soil that was previously used for Mums and especially so if your Mums were affected with Verticillium wilt or Seidewitz disease. Cinerarias are attacked by this wilt which is a soil-borne fungus. It will cause the lower leaves to wilt and die and then gradually kill the entire plant. The only prevention for this trouble is to use new field soil from seed flat to finished pot. Steam sterilize soil. Sow in January for spring combination work. Sow in June for Christmas and late winter pot plants.

MULTIFLORA GRANDIFLORA NANA MIXED

Improved German Strain

(Approx. 6,000 seeds per 1/32 oz.)

This is an outstanding German Strain. The plants are husky and compact, producing large heads in a wide range of solid colors as well as the bright eyed types.

Tr. Pkt. \$2.50



CINERARIA SITER'S HYBRIDS

COSMOS (Approx. 5,500 seeds per oz.)

This is one of the best strains of Cosmos produced for cut flower. Their earliness make them especially suitable for this purpose.

SENSATION

Pinkie—Delightful rose pink

Purity—Glistening white

Crimson—Deep red selection of Sensation

Radiance—Deep rose with band of rich crimson

Sensation Early Mixed—Flowers earlier than other varieties

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 Oz. \$1.50

CYCLAMEN

Gloeckner Strain

This strain is produced by one of the foremost Cyclamen specialists in Europe and is considered outstanding.

1. Bright Red
2. Light Red
3. Rose of Marienthal—Pink with dark eye
5. White with Dark Eye
6. Pure White
7. Glory of Wandsbeck or Perle of Zehlendorf—Dark salmon
8. Rose of Zehlendorf—Light salmon
9. Vermilion
10. Rococo—Salmon shades, fringed rim
12. Bonfire (America)
15. Salmon Pink with White Trim
16. Harlequin—Pink with dark stripes
20. Exquisite—Salmon scarlet flower with lighter colored underside of petals, silvery foliage
21. Apple Blossom
22. Peach—Purest peach blossom color
23. Cattleya—Pale lavender lilac blue
24. Sunset—Dark salmon
28. Pink with Salmon Eye
29. Saffron with Silver Rim

DAURENHEIM STRAIN

Bright Red Dark Red	Light Pink Pink	Pure White Salmon	White with Eye
PRICES OF ABOVE VARIETIES			
\$2.50 per 100		\$20.00 per 1000	

NEW EUROPEAN STRAIN

This strain has been selected for its outstanding form, color and flower production, and is among the consistent top winners at the various shows.

	100 Seeds	1000 Seeds
Giant Scarlet	\$3.50	\$28.00
Giant Salmon	3.50	28.00
Giant Cattleya	3.50	28.00
Giant White	3.50	28.00
Giant Barock (various colors—From Pure White, White with Eye, Pale Pink, Peachblossom, Rose to Deep Salmon. Flowers are large with waved edges that are serrated and frilled. Plants are dwarf and sturdy with medium size foliage.....	7.00	62.50

CUT FLOWER TYPE

Retail growers can use a select Cyclamen with long stems for cutting. These flowers will last a week or 10 days in water. For make up work, they must be inserted in tubes.

	100 Seeds	1000 Seeds
Dark Salmon—20-inch stem.....	\$5.50	\$47.50
Bright Salmon—14-inch stem.....	5.50	47.50

CORN (Ornamental)

Something for the garden club trade. Everyone knows the popularity of Calico Corn at Halloween. A March 15-30 sowing of 3 kernels per 2¼-inch peat pot can be sold as a spring bedding plant. An excellent item if you are looking for variety.

RAINBOW (Indian Squaw or Calico)—Various colored kernels. Ideal for fall decoration.

Oz. \$.20 ¼ lb. \$1.40 Lb. \$1.50

STRAWBERRY—Straw colored husks fold back to reveal the bright mahogany colored 2 inch ears.

Oz. \$4.00 ¼ lb. \$1.40 Lb. \$4.00

CUPHEA (Approx. 7,000 seeds per oz.)

FIREFLY—As a spring pot or bedding item, easily produced from seed. Reach a height of 12 inches, covered with scarlet flowers.

Tr. Pkt. \$.40 ⅛ oz. \$.75 ¼ oz. \$1.35 Oz. \$4.00

COLEUS

Rainbow Type

(Approx. 3,500 seeds per 1/32 oz.)

Coleus are now more popular than ever for border planting and in combinations. They do best in a light soil, and outdoors some shade intensifies the colors. Indoors the colors show up best in a sunny window.

WINDSOR HYBRIDS MIXED

This strain of seed produces from Greenhouse Grown plants we consider one of the best on the market today. The mixture is a formula blend containing brilliant reds, yellow, yellow with green edge, pastel shades of copper, pink, salmon, amber, as well as the deeper scarlet and velvet red colors. Coleus has been increasing in popularity each year as a plant for combination and window boxes. For outdoor gardens Coleus is the ideal plant for shaded and semi-shaded areas.

Tr. Pkt. \$1.75 1/64 oz. \$2.75 1/32 oz. \$5.25 1/16 oz. \$9.50
1/8 oz. \$17.00 1/4 oz. \$30.00 Oz. \$90.00

SEPARATE COLORS

Alpenglow—Shades of bronze and orange, without usual green edging. Retains both color and compactness throughout season.

Antic Beauty—Orange and bronze shades, bordered with light green mottling.

Art Shades—The leaves, which are smaller than usual, have a rose center surrounded by amber yellow and light green.

Candidum—Soft ivory white with contrasting dark green edge.

Color Pride—Basic color is bright red with border mottled bronzy-red and green.

Pink Rainbow—Attractive coral-salmon with narrow light green border.

Red Rainbow—Shades of carmine through mahogany red with green edging.

Rustic Splendor—A rich autumn color with wide amber colored edges.

Salmon Rainbow—Delicate salmon pink which darkens to light bronze as growing season progresses.

Scarlet Rainbow—Beautiful bright scarlet with narrow light green edge.

Velvet Rainbow—Color is brilliant blood-red with darker overtones. Outstanding when combined with white or gold.

Volcano (New)—Brightest red Coleus existing at the present time.

LARGE LEAF EXHIBITION STRAIN

Fantasy—Larger than Rainbow type, Fantasy is a mixture of multicolored leaf patterns being striped and spotted with red, yellow, green and bronze.

Gold Dust—Creamy light green, flecked with fine gold blotches.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$2.50 1/64 oz. \$3.25 1/32 oz. \$5.75
1/16 oz. \$10.50 1/8 oz. \$20.00 1/4 oz. \$37.00

DAHLIAS (Approx. 3,000 seeds per oz.)

UNWIN'S DWARF BEDDING MIXTURE

Early flowering semi-double, in a wide range of colors, about 20 inches tall. If you have not grown this item—you should. The dwarf Dahlia is an excellent plant for combination pans, spring pots and bedding plants. To have plants in bloom for May, sow the seed January 1-15. When planted in the garden the dwarf Dahlia forms a mound of foliage and blooms throughout the summer. Your customers will appreciate its excellent growth habit and trouble-free culture.

Tr. Pkt. \$.45 1/4 oz. \$1.35 Oz. \$4.00
1/4 oz. \$12.00 Lb. \$36.00

COLTNESS HYBRIDS

Dwarf single type, very free flowering, height 2 feet, choice mixed colors.

Tr. Pkt. \$.25 1/4 oz. \$.75 Oz. \$2.25
1/4 lb. \$7.00 Lb. \$21.00

MIGNON MIXED

Rounded single flowers in a good color range. Ideal for for bedding, 18 inches.

Tr. Pkt. \$.40 1/4 oz. \$.80 Oz. \$2.50
1/4 lb. \$7.50 Lb. \$22.50



COLEUS WINDSOR HYBRIDS

DELPHINIUM

Gloeckner
FLOWER SEEDS

(Approx. 13,000 seeds per oz.)

PACIFIC STRAIN (Vetterle & Reinelt)

July or August sowing and transplanting into the field during the fall will produce an early crop with large spikes. Delphiniums require a well-drained soil, neutral in reaction. A January sowing, transplanted in the greenhouse and set out in early spring provides a good cut during the summer.

Astolat Series—Pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees.

Black Knight—Florets, 2 to 3 inches in diameter, are dark purple.

Blue Bird Series—Clearest medium blues with white bees.

Bluejay Series—Clear medium to dark blue.

Cameliard Series—Pure lavender self, with white bee.

Galahad Series—Flowers clear white, averaging three inches in diameter.

Guinevere Series—Light pink lavender self with white bee.

King Arthur—Brilliant royal violet with large white bee.

Lancelot Series—Clear lilac self with white bee.

Percival Series—Glistening white flower with contrasting black bee.

Round Table Series—Some 300 different crosses were used to make up this group.

Summer Skies Series—Clearest light blue with white bee.

All Colors Mixed—A blend containing all named colors mentioned above.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$2.00 1/8 oz. \$3.00 1/4 oz. \$5.50 Oz. \$20.00

MISCELLANEOUS STRAINS (Approx. 10,000 seeds per oz.)

Cliveden Beauty (Improved Belladonna)—Selected strain. Turquoise blue.

Bellamosum—Dark blue. Belladonna habit of growth.

TALL CHINENSIS (Approx. 19,000 seeds per oz.)

Liberty—Dark blue

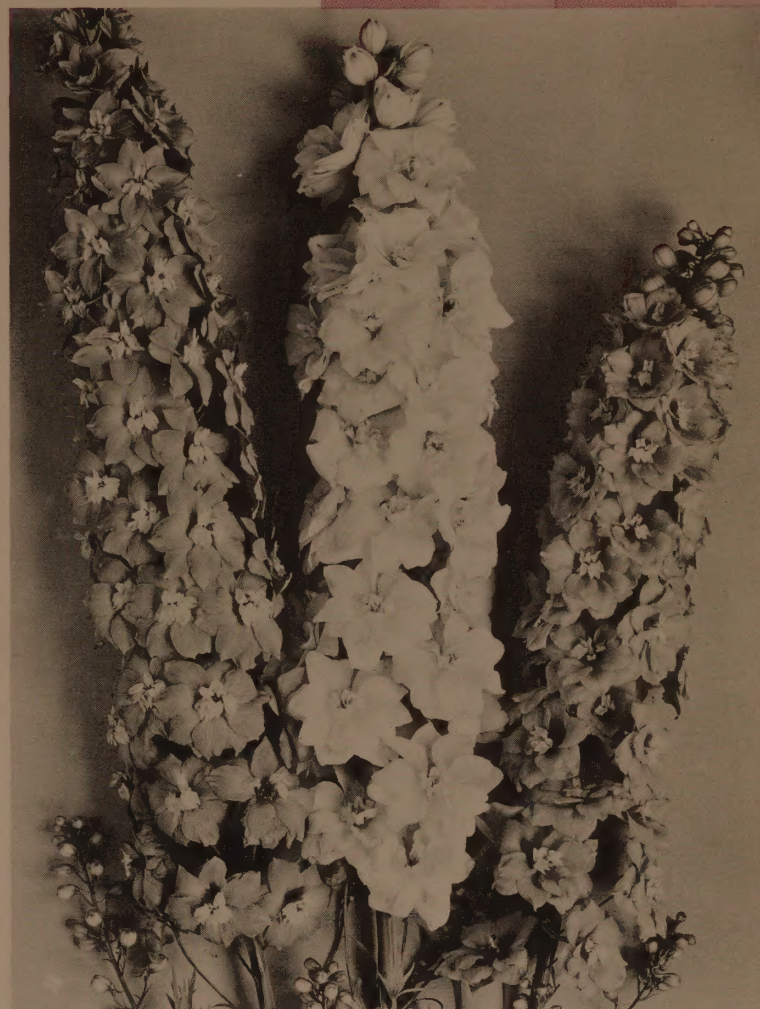
Cambridge Blue—Azure

Dwarf or Bedding Strain—True Delphinium, ideal for rock gardens or low beds. Height about 1 foot tall.

Mixed—Consists of light blue, dark blue and white.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 1/4 oz. \$1.25 Oz. \$3.75 1/4 lb. \$12.50



DELPHINIUM PACIFIC STRAIN

DIANTHUS

NANA GIGANTEA

Jubilee Mixed (New)—This strain of Dianthus makes an outstanding display. Plant grows about 6 inches tall producing very large rounded flowers in a brilliant mixture of colors.

Tr. Pkt. \$.50 1/8 oz. \$1.00 1/4 oz. \$1.75 Oz. \$5.25

HEDDEWIGII LACINATUS

(Approx. 23,000 seeds per oz.)

Double Gaiety—Bright colors mixed

Single Gaiety—Large lacy flowers

Tr. Pkt. \$.40 1/4 oz. \$1.00 Oz. \$3.00

Sweet Wivelsfield—Multiflora type, fragrant

Tr. Pkt. \$.30 1/4 oz. \$.50 Oz. \$1.50

Bravo—Plants grow only 8 inches tall, are upright and compact in habit, and produce a steady supply of brilliant flowers from late summer to frost. A perfect little trouble-free talked about All Americas to date. Something colorful for combination pans. Sow Jan. 1-15 and carry at 50 degrees after transplanting. A brilliant red flower for the front of a combination pan.

Tr. Pkt. \$.90 1/16 oz. \$1.65 1/4 oz. \$5.00 Oz. \$15.00



UNWIN'S DWARF BEDDING MIXTURE

PANO DRENCH

An effective control for damping off use as a soil drench in all soils, sands on flats, pots and benches. One to two teaspoonsful diluted in 3 gallons of water produces effective control.

DIDISCUS (Approx. 10,000 seeds per oz.)

COERULEA—Blue lace flower.

Tr. Pkt. \$.30 Oz. \$2.50

DRACAENA

INDIVISA (Cleaned seeds—10,000 per oz.)

Tr. Pkt. \$.35 ¼ oz. \$1.00 Oz. \$3.00

EUPHORBIA (Approx. 2,500 seeds per oz.)

VARIEGATA (Snow on the Mountain)

Tr. Pkt. \$.30 Oz. \$.90 ¼ lb. \$3.00

EXACUM (Approx. 15,000 seeds per 1/64 oz.)

AFFINE—An attractive and easily grown pot plant. The violet-blue flowers are fragrant.

Tr. Pkt. \$1.25 1/128 oz. \$3.25 1/64 oz. \$6.00

FEVERFEW (See *Matricaria*)

GAILLARDIA PICTA (Approx. 9,000 seeds per oz.)

TETRA RED—Single flowers. Bright coppery red.

Tr. Pkt. \$.30 ¼ oz. \$.80 Oz. \$2.40

INDIAN CHIEF—Single bronzy red.

DOUBLE LORENZIANA—Finest mixed.

SINGLE MIXED

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 Oz. \$1.00

GAZANIA (Approx. 12,000 seeds per oz.)

NEW HYBRIDS MIXED—Shades of orange, yellow and white. Plants 8 in. tall.

Tr. Pkt. \$.50 ¼ oz. \$1.50 Oz. \$4.50

GERBERA (Transvaal Daisy)

HYBRIDS MIXED—A selected strain of fully duplexed flowers containing all colors but blue.

100 seeds \$.70 1000 seeds \$5.50 5000 seeds \$25.00

GLOXINIA

A late August or early September sowing will make excellent plants for MID-WINTER sales. At that time of the year, Gloxinia makes an excellent flowering house plant.

Sow in December for 5-inch flowering plants in June. Germination is best if seed is not covered and a 70° temperature is maintained. The soil mixture should consist of a third each of peat, compost, and sand. Never allow the pots to dry and shade lightly, carrying the plants in a 65° house.

Tr. Pkt.

BEACON FIRE—Light and dark red mixed.....\$1.50

EMPEROR WILHELM—Purple bordered white..... 1.50

FERNLEAF TYPE—Velvet red..... 1.50

GIERTHS WHITE—Pure white..... 1.50

HAMBURGER BLOOD RED..... 2.00

HOLSTEIN BLUT—Blood red..... 2.00

KING OF THE GIANTS—Velvety crimson..... 1.50

MARBOTTS PINK—This is the pinkest of the gloxinias. Short growth with upright flower stems..... 3.00

PANZER RED—Velvety scarlet..... 3.00

SWITZERLAND—Red with white border..... 1.50

SYMPHONY IN ROSE—Deep rose with white border.... 2.00

MIXED—This mixture consists of the most desirable Florist strains..... 1.50

DOUBLE GLOXINIA

Bright Red—About 50% are true double.....\$4.50

GREVILLEA (Silk Oak) (Approx. 3,000 seeds per oz.)

March sowing will make a good sized specimen by fall. June sowing will make 2¼ inch pot plants, ideal for use in panning poinsettias.

ROBUSTA—A splendid foliage plant.

Tr. Pkt. \$.40 ¼ oz. \$1.35 Oz. \$4.50

GOMPHRENA (Globe Amaranth)

(Approx. 10,000 seeds per oz.)

An attractive everlasting garden flower with some value for cutting. Stands hot, dry conditions.

BUDDY (Dwarf)—Dwarf strain for bedding, pots and combinations. Bright reddish-purple.

CISSY (Dwarf)—Pure white.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.60 ¼ oz. \$1.00 Oz. \$3.00

ORANGE (Tall)

PINK (Tall)

RUBRA (Tall)—Bright deep shade of magenta purple.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 ¼ oz. \$.50 Oz. \$1.50

GYPSOPHILIA (Baby's Breath)

(Approx. 34,000 seeds per oz.)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers.

COVENT GARDEN STRAIN IMPROVED

Oz. \$.30 ¼ lb. \$.75 Lb. \$2.50 5 lbs. \$10.00

HELIOTROPE

MARINE—12 inches tall. Large flowered deep violet.

Tr. Pkt. \$.55 ¼ oz. \$4.80

REGALE MIXED—15 inches. A fine, even strain of lavender-violet flower heads; fragrant.

Tr. Pkt. \$.40 ¼ oz. \$1.00 Oz. \$3.25

IMPATIENS

(Approx. 66,000 seeds per oz.)



Impatiens are becoming more popular each year and are ideal for bedding in shady locations. Planted like this they remain dwarf and the colors intense. Seed sown in January will make 2¼ inch plants for spring sales: Impatiens seed is quite sensitive to lack of moisture, so be sure it is kept moist at all times. Impatiens planted with Coleus in a shaded location of the garden makes an outstanding display.

IPOMEA (Morning Glory)

CLARK'S MAMMOTH BLUE (Heavenly Blue Improved)

PEARLY GATES—Lustrous white with creamy shading in the throat.

SCARLETT O'HARA—Deep rosy crimson.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 Oz. \$1.00 1/4 lb. \$3.00

NOCTIFLORA (Moonflower)—Large flowered white.

Tr. Pkt. \$.35 Oz. \$1.25 1/4 lb. \$3.75

KALANCHOE (Approx. 60,000 seeds per oz.)

The attractive colors of Kalanchoe flowers will do wonders to brighten up a dish garden during February. A late sowing, finished in 2 1/2 or 3-inch pots, works very well. For Christmas flowering, shade the plants with black cloth from September 1st to October 10th, from 5 p.m. to 8 a.m. each day and grow in 60° house.

BRILLIANT STAR—Extremely large, fiery red flowers. Good for cutting as well as pots.

Tr. Pkt. \$1.00 1/128 oz. \$2.10 1/64 oz. \$3.85 1/32 oz. \$7.00

IMPROVED TOM THUMB—Sport of original Tom Thumb with similar habit, but has florets, larger with more substance and a darker red. Orig. Tr. Pkt. contains 1/128 oz.

Tr. Pkt. \$3.50 1/64 oz. \$6.50 1/32 oz. \$12.00

VULCAN—Flowers somewhat larger and brighter red than old standby Tom Thumb.

Tr. Pkt. \$1.25 1/128 oz. \$3.50 1/64 oz. \$6.50 1/32 oz. \$12.00

KOCHIA (Approx. 30,000 seeds per oz.)

CHILDSI—Oval shaped plants stay green through entire summer season.

Tr. Pkt. \$.30 Oz. \$.65

LINARIA (Approx. 428,000 seeds per oz.)

FAIRY BOUQUET—8 to 10 inches. Now has full color range rather than only pastel shades.

Tr. Pkt. \$.40 1/4 oz. \$1.35 Oz. \$4.00

DWARF TYPES F₁ HYBRIDS

Red Knight—Bright fiery red blooms and deep emerald green foliage. Plants are extra dwarf and spreading.

Tr. Pkt. \$2.00 1/64 oz. \$3.50 1/32 oz. \$6.00
1/16 oz. \$10.50 1/8 oz. \$20.00 1/4 oz. \$38.00

Light Salmon Pink—Pastel pink with deeper eye.

Rose Pink—A bright shade of deep rose, compact growing.

Scarlet Lady—Scarlet with light green foliage—broad and compact.

White Lady—Pure white.

Gloeckner Formula Mixed—Special blend of above varieties.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$2.50 1/64 oz. \$4.25 1/32 oz. \$7.50
1/16 oz. \$13.00 1/8 oz. \$25.00 1/4 oz. \$48.00

DWARF 6-8"

Fire Gleam—Scarlet orange with dark foliage.

Orange Gleam—Pleasing shade of orange.

Scarlet Gleam—Bright scarlet with rich green foliage.

Dwarf Mixed—Bright mixture of dwarf varieties including orange, scarlet, pink, rose, cherry red, and salmon shades.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.00 1/64 oz. \$2.00 1/32 oz. \$3.50
1/16 oz. \$6.00 1/8 oz. \$11.00 1/2 oz. \$35.00 Oz. \$68.00

TALL GROWING TYPE

Sultani Hybrids Mixed

Tr. Pkt. \$.50 1/16 oz. \$1.10 1/8 oz. \$2.00



LARKSPUR REGAL MIXED

LARKSPUR (Approx. 9,000 seeds per oz.)

OUTDOOR CUT FLOWERS—Sown outdoors from August 15 to September 15 larkspur seedlings will be large enough to winter over for an early summer crop. A mulch prevents heaving over winter. Good results may also be had by sowing seed outdoors as soon as the ground can be worked in spring. Spaced an inch apart, 1 oz. of seed will give about 700 feet of row.

INDOOR SPRING FLOWERS—A December or January sowing produces 3-inch band or pot plants to follow late mums. Space 1 foot apart each way in ground beds and 10 x 10 inches in raised beds. Plants grow 4 to 5 feet tall and do best in a 45 to 50° house.

REGAL LIGHT BLUE—Best azure blue.

DARK BLUE SUPREME—Rich violet purple.

LILAC SUPREME—Clearest lavender.

PINK SUPREME—Clear rose pink.

REGAL DEEP CARMINE—Deep rich carmine rose.

REGAL BRILLIANT ROSE—Strong deepest rose.

SALMON SUPREME—Excellent medium salmon rose.

WHITE SUPREME—Best white.

FORMULA MIXED

Tr. Pkt. \$.40 1/4 oz. \$.60 1/2 oz. \$1.00 Oz. \$1.80
1/4 lb. \$6.00 1 lb. \$18.00

LOBELIA (Approx. 700,000 seeds per oz.)

BLUE SKIES (New)—Dwarf, globe shaped plants with brilliant sky blue flowers. This is an outstanding strain which makes a truly eye-catching edging plant.

BLUE STONE—Dwarf bright blue.

EMPEROR WILLIAM—Gentian-blue.

CRYSTAL PALACE COMPACTA—Dark blue.

MRS. CLIBRAN IMP.—Dwarf blue, white eye.

ROSAMOND—Carmine with white eye.

SAPPHIRE—Deep blue, white eye, eye trailing.

WHITE LADY—Dwarf, sparkling white.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.45 1/4 oz. \$1.50 Oz. \$4.25

LUPINUS (Annual) (Approx. 13,000 seeds per oz.)

GIANT KING

Base branching habit, with four to six long spikes to the plant. A January sowing will give good 3" pots for spring.

Sky Blue	Heliotrope	Blue	White	Mixed
Tr. Pkt. \$.30 Oz. \$1.00 1/4 lb. \$3.00				

MARI



MARIGOLD PETITE



MARIGOLD SPUN GOLD

Spun Gold—An early dwarf chrysanthemum flowered type with erect bushy growing and many large double golden yellow flowers. The outstanding features of this marigold are extreme earliness, uniformity of height and habit, profuse blooming.

Tr. Pkt. \$.75 ¼ oz. \$2.00 Oz. \$6.00 ¼ lb. \$18.00

FRENCH SINGLE

Brownie—Mahogany-red flowers with golden-yellow centers; 2 inches across.

Flash—Flowers ranging from vivid red through bronze with a few yellow, to give harmonious contrast. About 14" tall.

Naughty Marietta—Golden yellow single flowers with maroon blotch. About 16 inches tall.

Red Head—Large flowers mahogany, turning to bronze and gold.

Sunny—Like Naughty Marietta except that it is clear yellow.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.35 ¼ oz. \$.60 Oz. \$1.80

DWARF SINGLE

Dainty Marietta—Single, extra early, very dwarf selection of Naughty Marietta. Flowers are freely produced on compact plants that are about 12 inches tall. Flowers are quite similar to Naughty Marietta.

Tr. Pkt. \$.40 ¼ oz. \$1.20 Oz. \$3.50

MARIGOLD (Bedding Varieties)

(Approx. 9,000 seeds per oz.)

These fine strains are popular for bedding plants sales and for combination boxes and pots.

PETITE

This class of extra dwarf French double marigolds is excellent for borders and mass effects. They were All-America winners for 1958 (except Petite Yellow) and are outstanding for bedding purposes.

Petite Orange—Bright orange flowers.

Petite Gold—Golden shade between yellow and orange.

Petite Spry—Golden yellow with maroon collar.

Petite Harmony—Gold crest with mahogany ground.

Petite Yellow—Strong clear yellow.

Petite Mixture—A formula blend.

Tr. Pkt. \$.55 ¼ oz. \$1.00 Oz. \$3.00 ¼ lb. \$9.00

MINIATURE EXTRA DWARF

Butterball—Dwarf. Soft butter yellow.

Gold Crest—Dwarf double golden yellow.

Lemondrop—Full double canary-yellow.

Melody—Dwarf. Double brilliant orange.

Spry Hybrids—Miniature flowers abundantly produced in new and unusual combinations.

Spry—Yellow crested center, mahogany red guard petals.

Sunkist—Rich deep golden orange.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.35 ¼ oz. \$.65 Oz. \$2.00

Brownie Scout (Official flower of the Girl Scouts of America)—Plants are 8 inches tall, producing a mass of golden yellow blooms with a brown flecked base.

Tr. Pkt. \$.35 ¼ oz. \$1.00 Oz. \$3.00

Brittany (New)—Flowers are a deep mahogany with golden yellow tip. Petals are quilled. This strain is very early flowering and retains its neat, compact habit throughout the summer.

Tr. Pkt. \$.40 ¼ oz. \$1.00 Oz. \$3.00

DWARF FRENCH DOUBLE

Color Magic—Mixture of red, gold striped and mottled combinations.

Tr. Pkt. \$.35 ¼ oz. \$.75 Oz. \$2.25

Eldorado—Canary yellow tinted slightly deeper toward the center.

Tr. Pkt. \$.40 ¼ oz. \$1.00 Oz. \$3.00

Harmony—Deep orange, center petals flanked by wide dark maroon, brown petals.

Harmony Hybrids—Dwarf, attractive mixture of Harmony type; crested flowers.

Primrose—Double sulphur yellow. Extra fine for borders.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 ¼ oz. \$.65 Oz. \$2.00

Primrose Gem—Primrose-yellow flowers, fully double, 2-2½ inches across. Plants 9 inches tall.

Tr. Pkt. \$.40 ¼ oz. \$1.00 Oz. \$3.00

Rusty Red (Fandango)—Large flower, fully double.

Scarlet Glow—Mahogany, turning to orange scarlet.

Tangerine—Distinct bright tangerine-orange. Early bloomer. Excellent for cutting.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.35 ¼ oz. \$.65 Oz. \$2.00

CUPIDS

Large 2½-inch flowers on dwarf plants, odorless foliage, and uniform, compact growth make these ideal for border planting. Available in the following colors:

Cupid Yellow—Bright lemon yellow—early blooming.

Cupid Gold—Light gold.

Cupid Orange—Rich orange, early blooming.

Cupid Mixed—Blend of above three.

PRICES OF ABOVE VARIETIES

Tr. Pkt. (⅓ oz.) \$.75 ¼ oz. \$1.75 Oz. \$5.00

WINTER FLOWERING

Colorado Sunshine—This is a marigold selected as a cut flower variety. It is a luminous golden yellow with ruffled and wavy petals. Flowers 3 to 4 inches. Also recommended for outdoor culture. The stems are long and strong.

Tr. Pkt. \$.50 ¼ oz. \$1.50 Oz. \$4.50

GOLDS

MARIGOLD (Tall Varieties for Cutting)

(Approx. 10,000 seeds per oz.)

Sown in January or February, the plants spaced 4 x 5 inches and grown single stem produce a profitable crop for spring cutting. All may be grown for spring plant sales and early fall cut flowers.

F₁ HYBRID MARIGOLDS

Toreador—Full double bright orange flowers.

Yellow Climax—Same as Toreador except for its canary-yellow flowers.

Climax Mixture—A blend of colors from deep orange to pale yellow.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.85 1/16 oz. \$2.50 1/8 oz. \$4.50
1/4 oz. \$8.00 Oz. \$25.00

AFRICAN TALL DOUBLE

These all double strains produce practically 100% true double flowers.

Fluffy Ruffles—Golden yellow.

Tr. Pkt. \$.50 1/4 oz. \$1.00 Oz. \$3.00 1/4 lb. \$9.50

Orange All Double—Rich orange.

Lemon All Double—Bright lemon yellow.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 1/4 oz. \$.70 Oz. \$2.00 1/4 lb. \$6.75

Moonlight (New)—A tall African type that produces large double flowers of a pale primrose yellow. Considered one of the best of the African type marigolds.

Tr. Pkt. \$.75 1/4 oz. \$1.75 Oz. \$5.00

CARNATION FLOWERED

Guinea Gold—Reselected strain. Golden orange.

Man-in-the-Moon—Fully double pale ivory yellow flowers.

Yellow Supreme—Light lemon yellow.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 1/4 oz. \$.70 Oz. \$2.00 1/4 lb. \$6.75

CHRYSANTHEMUM FLOWERED TYPES

Ball-shaped blooms measure 3 inches across. For spring greenhouse or outdoors.

Glitters—Lemon yellow.

Tr. Pkt. \$.35 1/4 oz. \$1.00 Oz. \$3.00

Happiness (Medium Dwarf)—About 18 inches tall. Large flowers of a cheerful golden yellow color. Profuse bloomer.

Tr. Pkt. \$.35 1/4 oz. \$.75 Oz. \$2.25

GIGANTEA

A remarkable new sweet scented, robust growing, extremely large flowered type, ideal for show purposes, florist use and garden decoration. It has been tested and found good for greenhouse culture.

Crackerjack—Uniformly large double flowers produced on shorter plants than Sunset Giants. Yellow and orange shades.

Tr. Pkt. \$.50 1/4 oz. \$1.00 Oz. \$3.00

MATRICARIA (Feverfew)

(Approx. 150,000 seeds per oz.)

DOUBLE WHITE IMPROVED—Select florist strain.

Tr. Pkt. \$1.00 1/4 oz. \$6.00 Oz. \$18.00

WHITE STARS—This is an extra dwarf version of Snowball. However, the flowers differ inasmuch as they have broad guard petals around the button-type center. Would make a good pot plant as well as being ideal for border work. Height about 6-8 inches.

Tr. Pkt. \$.75 1/8 oz. \$2.50 1/4 oz. \$4.50 Oz. \$13.50

Gloeckner
FLOWER SEEDS

MESEMBRYANTHEMUM

(Approx. 100,000 seeds per oz.)

CRINIFOLIUM—Dwarf spreading plants covered with daisy-like flowers in a wide range of colors.

Tr. Pkt. \$.50 1/4 oz. \$1.20 Oz. \$3.60

MIGNONETTE (Approx. 26,000 seeds per oz.)

GIANT NEW YORK MARKET—Select strain.

Tr. Pkt. \$.50 1/4 oz. \$1.00

MIMOSA (Approx. 4,500 seeds per oz.)

Young and old cannot fail to be fascinated by the movement of this plant when it is touched. Every greenhouse should have a few around. A gift of one to youngsters and oldsters when they come in will give numerous advertising plugs when shown to friends and neighbors.

PUDICA (Sensitive Plant)

Tr. Pkt. \$.35 1/4 oz. \$.75 Oz. \$2.25

MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.)

BLUE BIRD (Early Florist Strain)—Deep blue.

Tr. Pkt. \$.50 1/4 oz. \$1.50 Oz. \$4.50

NASTURTIUM (Double Gleam)

(Approx. 175 seeds per oz.)

GLORIOUS GLEAM HYBRIDS FINEST MIXED—Wide assortment of colors.

Oz. \$.40 1/4 lb. \$1.25 Lb. \$4.00

DWARF DOUBLE

Golden Globe—Golden yellow.

Gem Mixture—Dwarf, compact, excellent color range.

PRICES OF ABOVE VARIETIES

Oz. \$.45 1/4 lb. \$1.50 Lb. \$4.50

NEMESIA (Approx. 25,000 seeds per 1/4 oz.)

NANA COMPACTA

Dwarf habit. Branches freely from base. Excellent for pots and combination work.

Superbissima Mixed—Large flowered bright shades.

Tr. Pkt. \$.35 1/4 oz. \$1.25

STRUMOSA GRANDIFLORA

August sowing for cut flowers in December. October sowing for spring.

Finest Mixed Tr. Pkt. \$.30 1/4 oz. \$1.00

NICOTIANA (Ornamental Tobacco)

(Approx. 200,000 seeds per oz.)

Showy plants that give off a pleasant scent in the evening.

CRIMSON BEDDER—Compact, deep crimson.

Tr. Pkt. \$.30 Oz. \$2.00

DWARF WHITE BEDDER—Dwarf and compact, white scented flowers all day.

Tr. Pkt. \$.35 1/4 oz. \$1.00 Oz. \$3.00

SENSATION MIXED (Daylight Strain)—This Nicotiana is different from the other as it remains open during the day.

Tr. Pkt. \$.40 1/4 oz. \$1.00 Oz. \$3.00

NIEREMBERGIA (Dwarf Cup Flower)

(Approx. 5,500 seeds per 1/32 oz.)

PURPLE ROBE—This is an outstanding bedding and edging plant that attains a height of 6 inches. The large, deep blue flowers literally cover the plants throughout the season. Seed must be sown early to have plants in bloom for Decoration Day.

Tr. Pkt. \$.50 1/32 oz. \$1.75 1/16 oz. \$3.25 1/4 oz. \$10.00

PAN

(Approx. 21,000 seeds per oz.)

CULTURE—For spring bedding plant sales pansies are sown either indoors in December or January or outdoors from July until September. December- or January-sown plants are carried in a cool greenhouse, transplanted into frames about March and are ready for May sales. Late summer-sown seed outdoors in shaded frames produces large enough plants to be spaced 4 x 6 inches apart in frames, strong enough to carry over winter under a loose mulch. The plants must be well established before winter sets in.

MIXTURES

Amsterdam Giants—Early free flowering, heat resistant. Large flowered, with a long season of bloom.

Tr. Pkt. \$.85 1/8 oz. \$1.50 1/4 oz. \$2.50 Oz. \$7.50

Arcadia—Brilliant colors and pastel shades form a complete color range in this strain characterized by large flowers on sturdy, dwarf plants.

Tr. Pkt. \$1.00 1/8 oz. \$2.50 1/4 oz. \$4.00 Oz. \$12.00

Canadian Giants—A selection out of Maple Leaf Giants. This large flowered mixture has a good color range and flowers of rich, heavy substance.

Tr. Pkt. \$1.00 1/8 oz. \$1.85 1/4 oz. \$3.30 Oz. \$9.00

Jumbo Mixed—Large flowers of great substance on long stems. Many unique colors. Originator's seed.

Tr. Pkt. \$1.40 1/8 oz. \$3.40 1/4 oz. \$6.10 Oz. \$16.50

Maple Leaf Giants—Large flowering strain.

Tr. Pkt. \$.75 1/8 oz. \$1.75 1/4 oz. \$3.00 Oz. \$10.00

Oregon Giants Mixed—Fine strain of giant ruffled pansies. Large heavy textured flowers in a good range of colors.

Tr. Pkt. \$1.25 1/8 oz. \$2.25 1/4 oz. \$4.00 Oz. \$12.00

Super Swiss Giants "400" (Originator's seed)

Tr. Pkt. \$1.00 1/8 oz. \$2.60 1/4 oz. \$4.70 Oz. \$12.80

Swiss Giant Improved—A special blend for florists, superlative in form and range of dark, rich colors. Most of the blooms waved.

Tr. Pkt. \$.75 1/8 oz. \$1.50 1/4 oz. \$2.75 Oz. \$9.00

SEPARATE COLORS

Alpenglow—Velvet mahogany-red with dark blotch.

April Snow—Creamy white.

Berna—Dark violet blue.

Blue (Ullswater)—Rich clear blue.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.70 1/8 oz. \$2.00 1/4 oz. \$3.50 Oz. \$11.00

Bronze Shades—Blend of colors ranging from old gold—rich copper to deep browns. Originator's seed.

Tr. Pkt. \$1.65 1/8 oz. \$4.95 1/4 oz. \$8.90 Oz. \$24.00

Coronation Gold—Pure golden yellow, flowers slightly ruffled at edges.

Luna—Sulphur yellow self.

Tr. Pkt. \$.70 1/8 oz. \$2.00 1/4 oz. \$3.50 Oz. \$11.00

Moon Moth—Pure white. Originator's seed.

Tr. Pkt. \$1.75 1/8 oz. \$6.05 1/4 oz. \$10.90 Oz. \$29.70

Pay Dirt—Yellow. Originator's seed.

Tr. Pkt. \$1.65 1/8 oz. \$4.95 1/4 oz. \$8.90 Oz. \$24.00

Pure White—Paper white, small yellow eye.

Tr. Pkt. \$1.00 1/8 oz. \$2.75 1/4 oz. \$5.00 Oz. \$15.00

Raspberry Rose—Pink shades. Dark velvety blotch.

Tr. Pkt. \$.70 1/8 oz. \$2.00 1/4 oz. \$3.50 Oz. \$11.00

Rheingold—Yellow with blotch.

Tr. Pkt. \$.70 1/8 oz. \$2.00 1/4 oz. \$3.50 Oz. \$11.00

Golden Rapture—Exceptionally large flowered golden yellow with small light brown blotch.

Tr. Pkt. \$1.25 1/8 oz. \$3.25 1/4 oz. \$6.00 Oz. \$18.00

TALL WINTER FLOWERING (Mixed)—Tall growing winter cut flower variety.

Mixture consists of bright blue—mauve—yellow cream in combination. Not recommended for bedding. Tr. Pkt. \$1.00



PANSY SWISS GIANTS

SIX OUTSTANDING VARIETIES

SPECIAL STRAIN MIXED

This strain possesses very large blooms on vigorous plants, and is especially good for bedding. The color range is excellent, containing combinations of deep rich colors in the red and wine shades. F2 hybrids, the plants have tremendous vigor and giant flowers. Compact plants, they are ideal for basket work.

Tr. Pkt. \$1.50 1/8 oz. \$3.75 1/4 oz. \$7.00
Oz. \$22.00 1/4 lb. \$75.00

ROGLI GIANT ELITE MIXED (Orig. Seed)

This excellent bedding strain produced by Roggli, the well-known Swiss hybridizer, consists largely of rich red and bronze shades with the typical large blotches found in the Swiss Giants.

Tr. Pkt. \$1.50 1/8 oz. \$4.50 1/4 oz. \$8.00 Oz. \$24.00

PARIS GIANTS MIXED (New)

Early and free blooming. This strain, though leaning slightly to the darker shades, has a pleasing color range of blotched type flowers which have aroused quite some comment in the few places we had an opportunity to trial them this season.

Tr. Pkt. \$1.00 1/8 oz. \$2.75 1/4 oz. \$5.00 Oz. \$15.00

MASQUERADE

F2 early and bright-colored variety derived from the Oregon jumbo type. Vari-colored in shades of yellow, blue, violet, mauve and rust.

Tr. Pkt. \$1.50 1/8 oz. \$4.50 1/4 oz. \$8.00
Oz. \$24.00 1/4 lb. \$80.00

KING SIZED MIXED

Excellent new early strain, blooms over a long season with the husky robust plants producing giant size flowers. Colors include variations of mahogany and raspberry and gold Bi-colors.

Tr. Pkt. \$1.50 1/8 oz. \$3.75 1/4 oz. \$7.00
Oz. \$22.00 1/4 lb. \$75.00

NON PLUS ULTRA

Flowers of superb texture and excellent markings. Made up of 14 separate colors so blended that it gives a perfect color balance to the mixture. It is without question a perfect strain for the commercial trade.

Tr. Pkt. \$1.00 1/8 oz. \$1.75 1/4 oz. \$3.00 Oz. \$12.00

SIES

FRENCH GIANTS DREAM SERIES

The principal characteristic of this new European strain is its extreme earliness compared with other large flowered pansies. The flowers are very large and of a beautiful velvety texture. Each of the 7 separate varieties that we offer is a self color without any mask or eye.

Blue Dream—Clear mid-blue.

Fire Dream—Bright red.

Golden Dream—Golden yellow.

Marine Blue—Deep blue.

Orange Dream—Orange.

Purple Dream—Reddish purple.

Snow Dream—Pure white.

Sweet Dreams Mixed—A blended mixture of the above Dream series colors.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.75 1/8 oz. \$1.75 1/4 oz. \$3.00 Oz. \$9.00

PEPPERS (Ornamental)

Good Christmas pot plant. Sow seed April to July for 3 to 4 inch single plant or 3 plants for 5 inch pot.

CELESTIAL OR CHRISTMAS PEPPER

Small conical fruits which change color from green to cream or white and then later to purple and red. Plants are compact, about 12 inches tall.

GLOW WORM

10 inches. Compact plants which produce a multitude of slender, scarlet, cone shaped fruits.

LITTLE BEAUTY

Small candle shaped fruits are abundantly produced well above foliage. Color changes from white to brilliant red.

RED BOY

Ideal plant for either bedding or Christmas pots. Plants bear a profusion of small rounded or slightly oval fruits which change color from green to purple and finally to red. Height 12 inches.

RED FANGS

Clusters of slender, 1-inch fruits which turn directly from green to red. Excellent Christmas plant.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50 1/4 oz. \$1.50 Oz. \$4.50

PHLOX (Drummondii) (Approx. 17,500 seeds per oz.)

Annual phlox is one of the most showy bedding plants for the border and is gaining in popularity each year. The dwarf, compact plants, covered with bright colored flowers, are quite colorful.

GLOECKNER SPECIAL STRAIN MIXED

This is an exceptionally dwarf strain of phlox especially adapted to pot culture for spring sales. The mixture of colors are well balanced and bright with fine individual flower heads.

This strain has been tried in many locations as we have had it for a number of years in very limited quantities.

Tr. Pkt. \$1.00 1/4 oz. \$2.00 1/2 oz. \$3.50 Oz. \$6.00

DWARF STAR PHLOX

Twinkle (Mixed)—Compact plants, good color range. Blooms very early in flats and continues well into the summer.

Tr. Pkt. \$.75 1/4 oz. \$1.75 Oz. \$5.00

GIGANTEA

Art Shades Mixed—A strain of Phlox Drummondii with flowers measuring 1 1/4 to 1 1/2 inches in diameter. The habit is erect and uniform, growing from 9 to 12 inches tall.

Tr. Pkt. \$.45 1/4 oz. \$1.00 Oz. \$3.50

NANA COMPACTA

Apricot

Fireball—Fiery red.

Isabellina—Yellow.

Snow Ball—Pure white.

Mixed

Tr. Pkt. \$.40 1/4 oz. \$1.00 Oz. \$3.25

Gloekner
FLOWER SEEDS



ORNAMENTAL PEPPER



PHLOX GLOECKNER SPECIAL STRAIN



PETUNIA PINK CASCADE

F₁ HYBRID GRANDIFLORA

The F₁ Hybrid Grandiflora Petunias are one of the showiest and most outstanding bedding plants of the day. They make the most impressive and longlasting display with a minimum of care of any annuals available to the home gardener.

The wide selection of colors, ranging from red through rose shades, pinks, white, lavender, blue and bi-colors make them ideal for any color combination the home gardener would want in his annual border.

RED SHADES

- B - BONFIRE** — Dazzling deep salmon scarlet with golden throat. The large plain edged flowers are borne on dwarf compact plants.
- A - FIRE DANCE** — Fringed salmon scarlet flowers on dwarf, compact plants.
- B - FIRE GLEAM** — Brilliant salmon scarlet fringed flowers. Plants are very vigorous.
- B - NORTHERN SUNRISE** — Color is similar to Fire Gleam but with a more pronounced reddish shade.
- A - RED CASCADE (New)** — Fiery bright scarlet; produces large flowers. Growth is spreading and is ideal for window boxes.
- B - RED CHIEF** — Plain edged large deep red flowers. Slightly lighter than Fire Chief. Free flowering, dwarf habit.
- B - RED ENSIGN** — Deep scarlet red color. This plain edge Grandiflora is erect growing but dwarf.
- A - ROCK N' ROLL (New)** — Light salmon scarlet. As the flower matures it turns a pleasing salmon.
- A - SCARLET LUSTRE** — Color is brilliant scarlet with gold throat. The flowers are large and slightly ruffled with some fringing.
- B - SUN GLEAM** — A ruffled Grandiflora that is about two shades lighter than Red Ensign. Plants are upright growing and flowers freely produced. (New.)
- A - TANGO** — One of the most popular varieties. The fringed deep scarlet salmon flowers make a brilliant display against the dark green foliage.
- A - TOREADOR** — The large slightly ruffled flowers of a warm velvety crimson color. Growth dwarf and compact.
- B - VESUVIUS** — Flowers are slightly ruffled and color is an outstanding deep rosy red. Plants are dwarf.

PETUNIAS

F₁ HYBRID

ROSE AND PINK SHADES

- A - BALLERINA** — Flowers are well fringed with color a soft glowing salmon. Extremely free flowering, dwarf and uniform.
- B - FAIRYLAND** — Fairly large blooms are nicely fringed. Color a light salmon pink produced on very dwarf, uniform plants.
- B - FLIRT** — Robust grower producing plain edged flowers of a clear, light salmon pink. Withstands adverse weather conditions.
- A - LAVENDER LACE** — Bright rosy orchid lavender with rich plum-purple penciling. Plants dwarf and compact with flowers well fringed and ruffled.
- A - MAESTRO** — Plants are dwarf, compact spreading with dark green foliage. Fringed, ruffled blooms of a brilliant cerise rose with striking golden yellow throat.
- A - MAYTIME** — Very free flowering with huge blossoms of clear, light salmon pink with slightly deeper penciling.
- A - PINK CASCADE (New)** — Rose pink (Primadonna color) with light yellow throat. This is a new class of Grandifloras that make compact plants that will hold erect or cascade over banks or window boxes.
- A - PINK MAGIC** — Outstanding pink, both in earliness and abundance of bloom. Good for pots and bedding.
- A - PRIMA DONNA (All American)** — Large fringed bright rose pink. Uniformly dwarf, compact and spreading.
- A - ROSE LUSTRE** — Blooms of bright rose pink are heavily waved and are finely fringed. Pale creamy yellow, contrasting throat.
- B - ROSEY DAY** — Rich rose colored plain edged flower. One of the outstanding colors in this group.
- A - SALMON LUSTRE** — The luminous salmon pink color plus its exceptional blooming qualities will make this, like the other Lustres, a sure hit.
- A - SALMON MAGIC (New)** — Good, compact habit of growth. Free flowering; color is salmon, several shades lighter than Ballerina.
- B - SPRING SONG** — Large salmon pink, slightly fringed flowers. Growth is uniform and the plant is early flowering.
- B - SPRINGTIME IMPROVED** — Color is somewhat like Fairyland but much brighter. Flowers are large and fringed. Plant habit is dwarf and free flowering.

PETUNIA RED ENSIGN



GRANDIFLORA

Gloeckner
FLOWER SEEDS

BLUE SHADES

- A - **BLUEBELL**—Light violet non-fringed variety that has a medium dwarf, compact growth.
- A - **BLUE LACE**—A new orchid-blue shade that gives a nice effect in the garden. The flowers are orchid-blue with violet penciling. The foliage is dark green. Plants are vigorous and sturdy.
- A - **BLUE LUSTRE**—The large, waved flowers are a deep mid-blue, turning darker in cool weather. Plants are dwarf and begin flowering early.
- A - **BLUE MAGIC**—Considered the bluest of the Grandifloras. Plants are dwarf and compact. The flowers are a medium deep violet blue, slightly fringed and ruffled.
- B - **BLUE MANTLE**—Dwarf, large flowering velvety violet-blue flowers that are waved. Plant habit is dwarf, uniform and compact.
- B - **PSYCHE**—Clear steel-blue with darker veining—uniform in color and habit.
- A - **SKY MAGIC**—Very aptly named as the color is a clear blue as is so often seen on a summer day. Plants are compact, about 10 inches tall.

WHITE

- A - **LA PALOMA**—Medium large, well fringed white flowers have finely contrasting yellow throats. Habit is both vigorous and uniform.
- B - **SNOW CAP**—This free flowering, early variety has what might be called true Grandiflora size blooms. The large, heavily ruffled pure white flowers, plus its dwarf and vigorous habit make this a must on any order.
- B - **SNOW LADY**—Dwarf, uniform and compact habit in addition to the well fringed, large pure white flowers, make this an ideal Petunia for combinations and pots.
- A - **SNOW MAGIC (New)**—This is a larger flowered improvement of "White Magic." The habit is vigorous, free flowering, compact and spreading.
- A - **WHITE CASCADE (New)**—Pure white counterpart of the other Cascade. Same habit of growth.
- A - **WHITE MAGIC**—Size of bloom, earliness, and exceptional flower production have made White Magic one of the most popular Petunias available. Plants are dwarf but robust.

BI-COLOR VARIETIES

- A - **CALYPSO**—Dense growing, compact plants which are a truly eye catching blend of scarlet and white. The medium size blooms are well ruffled and quite heavily fringed.
- B - **COLOR CHARM (New)**—Plain edged flower of medium size, about 2¾ inches. Rose color with white star. Dwarf and vigorous.
- A - **CRUSADER**—A very popular bicolor with contrasting bright rose pink stripes on well fringed white blossoms.
- B - **FAIRY QUEEN (New)**—Dwarf fringed Grandiflora. The flowers are white streaked and mottled pink.
- A - **FANDANGO**—A deep violet blue and white of the Cascade type.
- B - **GYPSY PARADE (New)**—The flowers are scarlet with white star. This plain edged bicolor is a dwarf grower of vigorous habit.
- B - **MIDNIGHT STAR (New)**—Flower is a very deep blue with a narrow white star. This is an unusual bicolor that is extremely attractive.
- B - **MINSTREL**—Medium-large, well ruffled flowers are abundantly produced on uniformly dwarf and compact plants. Color, through somewhat irregular, is a pleasing blend of rich, deep violet-blue and white.
- B - **ROSE VEIL**—A pleasing and somewhat different blend of colors, not usually found in Petunias. Basic color is a soft blush pink, with fine veining of deep rose. Plants are dwarf and uniform.
- A - **SABRE DANCE**—Extra large blooms of deep burgundy crimson variegated with a white star. Compact but vigorous habit plus strong color contrast make this a very popular variety.

MIXED

- A - **F₁ GRANDIFLORA**—This is a carefully blended mixture made up of the best F₁ Grandifloras in both the fringed and waved varieties.

F₁ GRANDIFLORA PETUNIA — PRICE CODE

	½ Tr. Pkt.	Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	⅛ oz.	¼ oz.
A	1.50	2.75	4.75	8.75	16.75	32.00	60.75	115.75
B	1.00	1.75	3.50	6.50	12.00	20.00	36.00	65.00



PETUNIA CALYPSO



PETUNIA ►
SNOW MAGIC



PETUNIA RED SATIN

PETUNIA CORAL SATIN



PETUNIAS

F₁ HYBRID

F₁ HYBRID MULTIFLORA

The F₁ Hybrid Multiflora Petunias have flowers that correspond in size and character to the old Nana Compacta types. At this point the comparison ends. The advantage of the F₁ is that they have greater vigor and greater flowering capabilities. Furthermore, by producing seed from selected parents, the breeder has complete control over plant habit, such as stabilizing uniformity and reducing undesirable habits. This group makes an outstanding display, starting to flower early and continuing on until late in the season.

RED SHADES

- E-CLEOPATRA IMPROVED**—Large Multiflora type flower of a bright clear scarlet, several shades lighter than Red Satin. Rain resistant, compact and free flowering.
- E-COMANCHE IMPROVED**—One of the most popular varieties. Considered the reddest red, Comanche has been continuously improved upon. The plants are dwarf and compact, holding their form throughout the entire season.
- E-FIREBIRD**—Flower color is intense orange red with gold throat. Plants are compact, vigorous and very floriferous.
- E-RED SATIN**—This was an All American winner several years ago. The vivid scarlet color is quite outstanding. This is the forerunner of a class that is being bred for its dwarf mound-like growth. Its ability to retain this form and not break open in the center makes this a most desirable variety.

ROSE AND PINK SHADES

- E-BRIDESMAID**—Rich rose with large contrasting white throat. Dwarf, vigorous habit and ability to stand up well in wet weather, should make this a very well accepted addition.
- E-CHEROKEE**—The rich deep rose-pink color and earliness of bloom, along with its very uniform habit will no doubt make this a hit.
- C-CORAL SATIN (All-America)**—Dwarf and very uniform, globe shaped plants are completely smothered in a blanket of striking coral rose. The color, which is deeper than the earlier variety PEACH SATIN, plus the complete uniformity, make this the outstanding variety for this season.
- D-DAWN SATIN**—Soft shade of light rose pink. The color is striking and the growth is the typical mound shape which is associated with the satin series.
- E-LINDA**—Plants which are compact, vigorous and very free flowering, with blooms of a clear light salmon pink.
- E-PEACH SATIN**—Early blooms of coral pink which gradually change to a soft salmon as blossom ages. Vigorous habit.
- E-PINK SATIN**—Very uniform globe shaped plants which are extremely floriferous. Flowers are brilliant rose pink, with small white area deep in the throat of the bloom. Few if any other bedding plant items can compare with PINK SATIN for uniformity and long term production in the garden.
- E-VENUS**—Vigorous, spreading plants which freely produce a maze of clear, bright celestial rose pink blooms above the foliage.

WHITE

- E-JACK FROST**—Compact, uniform plants which are literally blanketed with sparkling white blooms.
- E-PALE FACE**—Plants vigorous, dwarf, compact and very uniform. Blooms, which are pure white, are freely produced.
- E-WHITE SATIN**—This is a welcome addition to the "Satin" series. The flowers are pure white and have a slight crepe effect in the petals. Early flowering. This variety combined with "Red Satin" makes a nice splash of color in the border.

MULTIFLORA

Gloeckner
FLOWER SEEDS

BLUE SHADES

- E - BLUE RIBBON**—This is one of the outstanding blue Multifloras. The plant habit is slightly larger than the Satins. It is considered one of the most reliable violet blue Petunias that does well in all areas.
- E - MERCURY**—Flowers, slightly star shaped, are a clear, medium light blue with light yellowish throat. Very dwarf and compact but with plenty of vigor. Blue color compares to varieties Heavenly Blue or Silver Blue.
- E - NEPTUNE**—Weather resistant, vigorous, dwarf, compact plants which produce freely blooms of a rich, medium violet blue.
- E - PLUM DANDY**—This new Multiflora Petunia produces blooms of a beautiful fuchsia-purple. While it grows taller than some varieties (15 inches) its upright, sturdy growth keeps the plant erect and compact. Would be ideal for the middle distance in the annual border.
- E - SUGAR PLUM**—A distinct Petunia that was introduced several year ago and is gaining in popularity by leaps and bounds. The orchid pink flowers are penciled and shaded a rich orchid purple. Flowers are borne in great profusion on mound-like plants. This is truly an outstanding variety. Seeing Sugar Plum in various trials it was less susceptible to rain damage than others.

BI-COLORS

- E - COMET**—Plants are compact and vigorous, producing blooms of a bright warm crimson red, each with a perfect white star.
- C - GLITTERS**—Bright fire chief red ground color, with contrasting white stripes. Extra dwarf and free flowering.
- E - POLARIS**—This distinctive new starred variety promises to be one of the outstanding additions to the garden. The flowers are deep violet-blue with white star. It is free flowing and makes a bright, outstanding spot in the garden.
- E - SATELLITE**—Profuse early flowers; plants are dwarf and compact, having blooms of bright rose with contrasting perfect white star.
- E - SPACE STAR**—Striking bright rose red with pure white star. Plants are dwarf and compact with colors both brilliant and appealing.
- E - STAR FLIGHT**—Rich purple with white star, color of variety Elks Star but more uniform both in markings and plant habit.
- E - STAR MASTER**—Deep violet background with pure white star makes one of the most outstanding of the bi-colors. The flowers are large and plant habit is excellent.
- E - STAR TROPHY (New)**—Produces good sized rich blue flowers with uniform white stars. Highly recommended.
- E - THE CLOWN**—Blooms are large and of an attractive salmon red with contrasting white stripes, giving a starred effect.

MIXED

- E - GLOECKNERS F₁ HYBRID MULTIFLORA MIXTURE**—A formula blend using only the varieties which we feel are the outstanding items in each color group.



PETUNIA SUGAR PLUM

PETUNIA GLITTERS



F₁ MULTIFLORA PETUNIA — PRICE CODE

	½ Tr. Pkt.	Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	⅛ oz.	¼ oz.
C	1.35	2.50	4.50	8.00	15.50	30.00	57.00	108.00
D	1.25	2.25	4.00	7.50	14.50	26.00	46.00	82.00
E	1.00	1.75	3.00	5.50	10.00	19.25	36.50	69.50

DOUBLE PETUNIAS



PETUNIA SONATA

PAN AMERICAN STRAIN

This is an exceptionally fine strain of All-Double Petunias bred and grown in the United States. It is considered one of the leading strains, bearing large double blooms in the most popular colors.

ALLEGRO—Buds are scarlet salmon, which open to a bright deep salmon. Flowers fully fringed. Plants are dwarf and uniform.

CAPRICE—Fully fringed blooms of a bright rose are borne on uniformly dwarf and vigorous plants.

LYRIC—Light salmon pink, compact habit with very large, fully double flowers.

MINUET—Medium sized lavender. Tall grower. Should be pinched.

NOCTURNE—Medium sized blooms of deep violet purple, produced on dwarf, compact plants.

PRESTO—Brilliant rose and white variegated. A double version of Crusader. Large fringed flowers on dwarf, compact plants.

RHAPSODY—Flowers are burgundy wine-purple, on vigorous, dwarf plants.

SONATA—Large pure white flowers which are deeply fringed. Medium dwarf, vigorous plants.

PRICES OF ABOVE VARIETIES

1/2 Tr. Pkt. \$2.75	Tr. Pkt. \$4.75	1/128 oz. \$8.50
1/64 oz. \$16.25	1/32 oz. \$31.00	1/16 oz. \$59.00
	1/8 oz. \$112.50	

GLORIOUS MIXED—A balanced, complete mixture of the Pan American All Double varieties.

GLOECKNERS ALL DOUBLE MIXED—A formula blended mixture which we consider the "Tops." It consists only of the most outstanding and popular varieties available.

PRICES OF ABOVE VARIETIES

1/2 Tr. Pkt. \$2.50	Tr. Pkt. \$4.50	1/128 oz. \$8.00
1/64 oz. \$15.50	1/32 oz. \$29.25	1/16 oz. \$55.75
	1/8 oz. \$106.25	

CANADIAN MIXED IMPROVED—A very desirable mixture of doubles having a more balanced color range through the addition of shades which had been lacking in the past.

1/2 Tr. Pkt. \$2.25	Tr. Pkt. \$4.00	1/128 oz. \$7.20
1/64 oz. \$13.00	1/32 oz. \$24.70	1/16 oz. \$48.00
	1/8 oz. \$90.00	

JAPANESE VICTORIOUS AND GIANT VICTORIOUS STRAINS

ATTRACTION—Rich, bright rose and white variegated. Medium dwarf habit and slightly deeper in color than Gaiety.

BLUE MONARCH—Dark blue-purple (Improved Blue Brocade). Large fully double flowers.

GAIETY—Extra dwarf base branching plants having medium sized blooms which are striped and mottled bright rose pink and white. The most popular of the Japanese Doubles.

PINK—Habit is dwarf and vigorous, with large flowers of a uniform soft salmon pink.

PURPLE QUEEN—Large, rich velvety purple flowers which are fully double and well fringed.

ROSY CARMINE (World Beauty)—Plants are uniform and dwarf with blooms of rich deep rose.

WHITE SWAN—Well fringed, large white flowers. This variety is improved over all Victorious whites yet offered.

MIXED—Formula blend of the best Japanese varieties.

PRICES OF ABOVE VARIETIES

1/2 Tr. Pkt. \$2.25	Tr. Pkt. \$4.00	1/128 oz. \$6.50
1/64 oz. \$12.00	1/32 oz. \$22.00	1/16 oz. \$40.00
	1/8 oz. \$75.00	

MULTIFLORA DOUBLE

This class of small double petunias produces an abundance of flowers about 2½ inches in size. Excellent for planters or window boxes and the garden where they make a bright mass of color.

CARDINAL—Glowing bright scarlet red.

CHERRY TART—Medium size, carnation type blooms of rich cherry rose and white literally cover the entire plant. Plant habit is excellent, being not only dwarf and compact but also vigorous and very free blooming. Makes an ideal bedding item.

HONEY BUNCH (New)—Soft, rich salmon pink.

PINK RICHES (New)—Ruffled rose pink flowers with deeper veining.

WHITE RICHES (New)—Pure white.

PRICES OF ABOVE VARIETIES

1/2 Tr. Pkt. \$1.50	Tr. Pkt. \$2.75	1/128 oz. \$4.75
1/64 oz. \$8.75	1/32 oz. \$16.75	1/16 oz. \$32.00
	1/8 oz. \$60.75	

PETUNIA HONEY BUNCH



Other BEDDING PETUNIAS

Gloeckner
FLOWER SEEDS

GRANDIFLORA F₂

CARNIVAL—A mixture of fringed and ruffled flowers, typical of the Grandiflora type, consisting of wide range of colors, including solids and bi-colors.

Tr. Pkt. \$1.35 1/32 oz. \$3.85 1/16 oz. \$7.00 1/8 oz. \$12.00

GRANDIFLORA COMPACTA (Single Fringed Dwarf)

GAIETY—Rose and white.

INNOCENCE (Fringed Snowstorm) — Pure white flowers; dwarf.

LACE VEIL—Pure white.

SETTING SUN—Deep rose.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.00 1/64 oz. \$1.75 1/32 oz. \$3.25 1/16 oz. \$6.00

GRANDIFLORA SINGLE PLAIN EDGE

(Approx. 230,000 seeds per oz.)

BINGO—Very large flowers, richly variegated wine-red and white.

Tr. Pkt. \$1.00 1/64 oz. \$3.00 1/32 oz. \$5.25
1/8 oz. \$11.00 1/4 oz. \$20.00

DAZZLER—Brilliant scarlet, compact.

DWARF ELKS PRIDE—Dwarf dark velvety purple.

PINK GLORY IMPROVED—Flame rose pink, very compact.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.00 1/64 oz. \$1.75 1/32 oz. \$3.25
1/16 oz. \$6.00 1/8 oz. \$11.00 1/4 oz. \$20.00

POPCORN—Pure white.

Tr. Pkt. \$1.50 1/64 oz. \$2.75 1/32 oz. \$5.00
1/16 oz. \$9.50 1/8 oz. \$18.00 1/4 oz. \$33.00

ROYALTY—Large ruffled flowers in a combination of purple and white.

SNOWSTORM IMPROVED—Glistening white, shaded yellow in throat.

Tr. Pkt. \$1.00 1/64 oz. \$1.75 1/32 oz. \$3.25
1/16 oz. \$6.00 1/8 oz. \$11.00 1/4 oz. \$20.00

GRANDIFLORA SINGLE FRINGED

DAINTY LADY—Very pale yellow.

THEODOSIA IMPROVED—Large fringed rose, gold throat.

WHITE BEAUTY

FLUFFY RUFFLES MIXED

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.00 1/64 oz. \$1.75 1/32 oz. \$3.25
1/16 oz. \$6.00 1/8 oz. \$11.00 1/4 oz. \$20.00

DWARF GIANTS OF CALIFORNIA

(Approx. 160,000 seeds per oz.)

CAN CAN MIXED—This is the first of the F₁ Dwarf Calif. Giants. The plants produce huge blooms and this mixture consists of rose, red, white, orchid, red and white variegated.

1/2 Tr. Pkt. \$2.75 Tr. Pkt. \$4.50 1/128 oz. \$8.50
1/64 oz. \$16.00 1/32 oz. \$29.50 1/16 oz. \$58.00

RAMONA STRAIN (Select)—A dwarf, sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well-marked throats.

DWARF CONTINENTAL GIANTS—A selected dwarf strain in an exceptionally fine mixture.

MULTIBLOOM MIXED—Typical giant type blooms but produced on plants which are more dwarf and compact than usual.

PRICES OF ABOVE VARIETIES

1/2 Tr. Pkt. \$1.25 Tr. Pkt. \$2.00 1/64 oz. \$3.50
1/32 oz. \$6.00 1/16 oz. \$11.00 1/8 oz. \$20.00

CALIFORNIA RUFFLED GIANTS

(Large Throated)

(Approx. 180,000 seeds per oz.)

RUFFLED MONSTER MIXED

Tr. Pkt. \$.75 1/64 oz. \$1.50 1/32 oz. \$2.50

NANA COMPACTA FRINGED

LITTLE GIANT MIXED (Ruffled)—Extra large, well ruffled flowers with open throats. Dwarf Giants of California Type in form and size.

LITTLE GIANTS, PINK SHADES—Same as above but pink only.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.00 1/64 oz. \$1.75 1/32 oz. \$3.25
1/16 oz. \$6.00 1/8 oz. \$11.00 1/4 oz. \$20.00

HYBRIDA NANA ERECTA (Dwarf Hybrida Class)

ADMIRAL—Dwarf blue. Flowers ruffled at edge.

Tr. Pkt. \$.85 1/64 oz. \$1.75 1/32 oz. \$3.00

BLUE BEDDER—Mid-blue.

Tr. Pkt. \$.40 1/4 oz. \$1.35 Oz. \$3.25

CELESTIAL ROSE IMPROVED—Deep rose, very compact.

Tr. Pkt. \$.60 1/4 oz. \$2.25 Oz. \$6.50

FIRE CHIEF—Flowers are deep scarlet, fading to salmon rose.

Tr. Pkt. \$.50 1/16 oz. \$1.65 1/8 oz. \$3.00
1/4 oz. \$5.00 Oz. \$15.00

ROSE OF HEAVEN IMPROVED. Very dwarf.

ROSY MORN IMPROVED—Very dwarf.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50 1/4 oz. \$1.50 Oz. \$5.25

SKY CHIEF—Compact plant. Pale blue. A little lighter than Heavenly Blue.

Tr. Pkt. \$.50 1/4 oz. \$3.25 Oz. \$9.75

SNOWBALL—Pure white, compact.

Tr. Pkt. \$.50 1/4 oz. \$1.75 Oz. \$5.50

TWINKLES—Brilliant rose starred white.

Tr. Pkt. \$.60 1/4 oz. \$3.00 Oz. \$9.00

VELVET BALL—Dark red. Almost identical to King Henry but a better variety for bedding.

Tr. Pkt. \$.75 1/16 oz. \$2.75 1/8 oz. \$5.25 1/4 oz. \$10.00

VIOLACEA—Deep velvety purple.

Tr. Pkt. \$.50 1/4 oz. \$1.40 Oz. \$4.50

CHOICE MIXED

Tr. Pkt. \$.50 1/4 oz. \$1.75 Oz. \$6.00



PETUNIA INNOCENCE



FLOWER AND VEGETABLE

◀ **PORTULACA** (Approx. 307,000 seeds per oz.)

Many growers are finding it more profitable to direct sow Portulaca into pots or paks, thereby eliminating transplanting costs.

JEWEL (Single)—Deep carmine.

Tr. Pkt. \$.50 1/4 oz. \$1.50 Oz. \$5.00

ALL DOUBLE MIXED—Large flowering mixed. Extra fine quality.

Tr. Pkt. \$.55 1/4 oz. \$1.50 Oz. \$4.00 1/4 lb. \$11.50

SINGLE MIXED—Large flowering mixed.

Tr. Pkt. \$.30 1/4 oz. \$.75 Oz. \$2.50 1/4 lb. \$7.50

PRIMULA

MALACOIDES

Glory of Riverside Improved—True rose pink.

Lavender—Shades of lavender.

Mrs. Eriksson of Riverside—A glowing rose-red.

F₂ Snow Giant—Pure white.

F₂ Luminosa—Brilliant scarlet.

Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.25 1/64 oz. \$2.75

Pink Joy—Clear non-fading light pink.

Tr. Pkt. \$2.00

Flamingo—Clear pink flowers, strong, compact plants.

Tr. Pkt. \$2.50

OBCONICA (Approx. 4,000 seeds per 1/32 oz.)

A valuable pot plant item which sells on sight. These brightly colored primulas are sown from January on for Christmas and early winter sales.

Fastbender Red

Salmon Princess

Mohnstein Red

White—(Snowstorm)

Mueller Rose

Blue

Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.25 1/64 oz. \$2.75

RICINUS (Approx. 30 seeds per oz.)

RED SPIRE—Bronze foliage with crimson stems and red fruit.

Oz. \$.45 1/4 lb. \$1.50 Lb. \$4.50

ZANZIBARIENSIS MIXED—Very richly colored foliage. Enormous plant, on good soil growing 10 inches high.

Oz. \$.35 1/4 lb. \$1.00 Lb. \$3.00



RUDBECKIA GLORIOSA DOUBLE DAISY



RUDBECKIA

GLORIOSA DOUBLE DAISY — An All America winner for 1961. Is excellent in the semi-tall area of the garden and is also fine for cutting. The golden yellow double and semi-double flowers are large and borne on stems about 18 inches long. Plants attain a height of 3 feet.

Tr. Pkt. \$.75 1/16 oz. \$1.50 1/8 oz. \$2.50
1/4 oz. \$4.50 Oz. \$12.00

GLORIOSA DAISY—Mixture of bright yellow, rich mahogany and bi-color flowers. Height 3 feet.

Tr. Pkt. \$.50 1/4 oz. \$2.50 Oz. \$7.50

GOLD FLAME—Large golden yellow flowers. Very free flowering, grows about 12 inches tall.

Tr. Pkt. \$.65 1/4 oz. \$1.75 Oz. \$5.00

◀ **SALPIGLOSSIS**

EMPEROR or SUPERBISSIMA

Plants 2½ ft. tall, ideal for cutting. Complete color range with blooms 2½ to 3 inches across.

Tr. Pkt. \$.25 1/4 oz. \$.60 Oz. \$1.80

BOLERO—An F₂ mixture which produces a very large flower and has a wide range of interesting colors. This vigorous growing strain makes an ideal cut flower for the home garden. Grows about 2 feet tall.

Tr. Pkt. \$.40 1/4 oz. \$1.20 Oz. \$3.60

SALVIA (Approx. 7,500 seeds per oz.)

SPLENDENS (Scarlet Sage)

This beautiful scarlet-flowered annual is gaining in popularity and is constantly in demand by homeowners. From July until frost it blooms profusely and is handsome in combination with white and/or pink petunias. It also may be recommended to plant in borders beside chrysanthemums for a striking fall color display. Seed should be sown in March in flats to which bottom heat is given to speed germination. From seedling to finished plant, no soil sterilized with methyl bromide should be used.

EXTRA DWARF

Scarlet Pygmy—10-inch compact plants, early blooming.
Tr. Pkt. \$1.00 ¼ oz. \$3.00 Oz. \$10.00 ¼ lb. \$33.00

DWARF AND MEDIUM

Blaze of Fire—16 inches.
Tr. Pkt. \$.85 ¼ oz. \$2.50 Oz. \$ 8.00 ¼ lb. \$24.00

Fireworks—10-14 inches. Improves St. John's Fire in its earliness of bloom and dwarf, compact growth.

Tr. Pkt. \$1.00 ¼ oz. \$3.00 Oz. \$10.00 ¼ lb. \$33.00

Firebrand (Harbinger)—18 inches.

Tr. Pkt. \$.85 ¼ oz. \$2.25 Oz. \$ 7.25 ¼ lb. \$20.00

Red Spire—This is really one of the most outstanding salvias developed to date. Grows about the same height as Harbinger. The foliage is deep green and the extremely full flower spikes of deep scarlet are carried well above the foliage.

Tr. Pkt. \$1.00 ¼ oz. \$2.75 Oz. \$8.00 ¼ lb. \$30.00

Salmon pygmy—Salmon-pink companion to the popular scarlet pygmy.

Tr. Pkt. \$1.00 ¼ oz. \$6.00 Oz. \$18.00 ¼ lb. \$54.00

St. John's Fire—12 inches.

Tr. Pkt. \$1.00 ¼ oz. \$2.75 Oz. \$ 9.00 ¼ lb. \$27.50

Toreador—Dwarf, improvement of St. John's Fire.

Tr. Pkt. \$1.00 ¼ oz. \$3.00 Oz. \$10.00 ¼ lb. \$33.00

TALL

America (Globe of Fire)—20 inches.
Tr. Pkt. \$.60 ¼ oz. \$1.50 Oz. \$5.00 ¼ lb. \$15.00

Bonfire (Clara Bedman)—26 inches.
Tr. Pkt. \$.60 ¼ oz. \$1.50 Oz. \$5.25 ¼ lb. \$17.50

Splendens—Original late-flowering variety, 30 inches.
Tr. Pkt. \$.45 ¼ oz. \$1.40 Oz. \$4.50 ¼ lb. \$15.00

Zurich—25 inches.
Tr. Pkt. \$.60 ¼ oz. \$1.50 Oz. \$5.25 ¼ lb. \$17.50

FARINACEA (Blue Sage)

Blue Bedder—Medium lavender-blue, 3 ft.
Tr. Pkt. \$.50 ¼ oz. \$1.25 Oz. \$4.00

Royal Blue—This strain has been reselected and is noticeably improved over the other blue selections. Color is a rich deep blue.

Tr. Pkt. \$.60 ¼ oz. \$1.50 Oz. \$5.00

SCABIOSA (Tall Double)

(Old Maid's Pincushion)—36 to 48 inches tall.

BLACK KNIGHT

BLUE MOON—Deep lavender.

CHERRY RED—Crimson.

CORAL MOON—Light to dark salmon rose.

OXFORD BLUE—Excellent deep blue.

SILVER MOON—Pure paper white.

IMPERIAL HYBRIDS MIXED—Brilliant blend.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 ¼ oz. \$.80 Oz. \$2.40

SCHIZANTHUS (Approx. 43,000 seeds per oz.)

Late summer sowing, planted after early Chrysanthemums, should flower in March. If additional light is used from October 25, blooming will start in January.

ANGEL WINGS—Compact, conical plants are extremely uniform. Blooms in a wide range of brilliant colors. All have gold centers.

Tr. Pkt. \$.60 ⅛ oz. \$1.80 ¼ oz. \$3.25

DR. BADGER'S HYBRIDS—A highly colored, large flowered strain of medium height. Suitable either for pots or cutting.

Tr. Pkt. \$.50 ⅛ oz. \$.80 ¼ oz. \$1.25

EXCELSIOR COMPACTUS MIXED—Very dwarf (10 inches approx.), for pots.

Tr. Pkt. \$.60 ⅛ oz. \$1.80 ¼ oz. \$3.25

SHAMROCK

For effective plants on March 17 seed is sown between Christmas and New Year's on top of prepared pots as thickly as you would sow grass seeds. This insures nice saleable pots.

TRUE IRISH.

Tr. Pkt. \$.20 ¼ oz. \$.40 Oz. \$1.25 Lb. \$12.00

STATICE

IMPROVED SINUATA

This strain is considerably improved over the old strain of statice, color-wise as well as size. It should certainly go a long way towards increasing the popularity of this flower.

American Beauty—Rose.

Apricot—Pastel shades.

Gold Coast—Brilliant yellow.

Heavenly Blue—Light blue.

Iceberg—Pure white.

Midnight—Deep blue.

Roselight—Clear rose.

Twilight—Medium lavender.

MIXED

Tr. Pkt. \$.50 Oz. \$1.50 4 oz. \$5.00 Lb. \$15.00

SUWOROWII

Russian or Rat Tail Statice—Long lavender spikes. Useful statice for greenhouse forcing.

Tr. Pkt. \$.30 Oz. \$3.00

SALVIA BLAZE OF FIRE





STOCK NON-BRANCHING



STOCK TRYSONIC

STOCKS (Approx. 18,700 seeds per oz.)

STOCK CULTURE—Stocks are very satisfactory for winter and spring flowering. Sowing the seeds in August and benching in October, the first flowers may be cut before Christmas if additional light (40-60 watt lamps spaced 5 feet) is used. Without this aid, the crop will come into flower in January. Continuity of bloom may be obtained by successive sowings to about the middle of February. This non-branching type, which has come into general use, should be planted 3 inches in the row and 6 inches between rows, producing a single stem. The branching types should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

Flowering of stocks only occurs when the temperatures are below 60 degrees for the greater part of the night. To secure the greatest percentage of doubling, the largest and most vigorous plants should be selected.

SOWING DATES FOR NON-BRANCHING STOCKS

Sowing Time	Flowering	Sowing Time	Flowering
August 1	January	December 1	May
September 1	February	January 1	Mother's Day
October 1	March	February 1	June
November 1	April	February 15	June 15

NON-BRANCHING EXCELSIOR COLUMN STOCKS

Apricot—Rich apricot tinged pink. Long spikes.

Deep Apricot.

Purple Heart—Bright violet purple.

Ruby Improved—Bright scarlet crimson.

White No. 16.

Enchantress Pink—Deep blush pink. Large flowered.

Gardenia—Glistening white.

Pacific Blue—Clear mid-blue.

Pacific Pink—Pure pink. Outstanding under artificial lights.

Pacific Yellow—Early. Improves Yellow Wonder.

Rose Pink.

Silvery Lilac.

Twilight Lavender—Deep lavender, excellent under artificial lights.

White Goddess—Early. Has perfect stems for cutting and shipping.

Formula Mixed.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.25 ¼ oz. \$2.75 Oz. \$10.00

TRYSONIC GIANT IMPERIAL

Produces 85 per cent or more double-flowered plants. When the seedlings reach the four-leaf stage, pick out the small, weak ones that will develop into singles and insure close to 100 per cent double-flowering plants.

Fiery Red	Canary Yellow	White
Bright Rose	Lilac Lavender	Choice Blend
Chamois	Navy Blue	

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$1.75 ⅛ oz. \$2.75 ¼ oz. \$5.00 Oz. \$18.00

BRANCHING GIANTS OF CALIFORNIA (Improved Bismarck)

When grown similarly to the non-branching type, remove side shoots to branch. Space 8 x 8 inches and top when six inches tall.

Blood Red —Ruby red.	Lavender —Silvery lilac.
Buttercup —Golden yellow.	Rose —Rose pink.
Chamois —Buff.	Santa Maria —White.
Elks Pride —Rich purple.	Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 ¼ oz. \$1.30 Oz. \$4.00

DWARF TEN-WEEK

Large flowering for pot plants and bedding.

Blood Red	Deep Rose	White
Canary Yellow	Lavender	Mixed —All colors.
Carmine	Purple	

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 ¼ oz. \$1.00 Oz. \$3.00

SWEET PEAS (Approx. 340 seeds per oz.)

EARLY WINTER FLOWERING

These varieties are considered best during early winter and spring. Sow from July to September.

ROSE AND PINK

- Mrs. H. S. Reddick—Flesh pink suffused salmon.
- Shirley Temple—Soft rose. Long stemmed.
- Zvolanek's Salmon—Large salmon cerise.

BLUE AND LAVENDER

- Blue Boy—Large dark blue.
- Harmony—Clear lavender.

ORANGE

- Ball Orange Improved—Clear orange.

RED

- Kate Smith—Large scarlet.
- Mars—Rich, deep crimson.

WHITE

- Hope—White (black seeded).
- White Giant—(White seeded.) Florets in fours.

CHOICE MIXED

PRICES OF ABOVE VARIETIES
Oz. \$.55 ¼ lb. \$1.65 Lb. \$6.00

SPRING FLOWERING

CUTHBERTSON AND FLORIBUNDA STRAIN

This Cuthbertson Strain is recommended for sowing after November 1. It requires strong spring sun for best bloom.

This strain flowers two weeks later than the Early Spencers, and two to three weeks earlier than the summer flowering varieties when sown outdoors in the north.

- Carol—Strong growing clear pink.
- Daisy—A pure black seeded white.
- Danny—Navy blue.
- Evelyn—Salmon cream pink.
- Frank G.—Strong growing lavender.
- Lois—Rose pink on white background.
- Robert—Clear medium blue.

Mixed

PRICES OF ABOVE VARIETIES
½ oz. \$.35 Oz. \$.55 ¼ lb. \$1.65

SUMMER FLOWERING

The Sweet Pea for outdoor use start inside and grow cool for outdoor planting in the spring.

ROSE AND PINK

- Patricia Unwin—Salmon pink suffused gold.
- Pinkie—Large rose pink.
- Princess Elizabeth—Very early. Salmon pink.
- Radar—Rich salmon.

BLUE AND LAVENDER

- Avon—Clear mid-blue.
- Flagship—Deep navy blue.
- Mrs. C. Kay—Clear, bright lavender.

ORANGE

- Prince of Orange—Best deep orange.

RED

- Rubicund—Crimson scarlet.
- Welcome—Dazzling scarlet.

WHITE

- Gigantic—White (black seeded).

CHOICE MIXED

PRICES OF ABOVE VARIETIES
Oz. \$.40 ¼ lb. \$1.25 Lb. \$4.00

MULTIFLORA CLASS

A new, free-flowering class of Sweet Pea which produces many stems with five and six flowers. Stems are exceptionally long as well, making this a profitable market variety. Sow from mid-July through November.

- Beauty Rose—Rich crimson rose.
- Blue Wonder—Clear medium blue.
- Christmas Red—Crimson.
- Cranberry Red—Crimson with rose undertone.
- Elks Pride—Deep purple.
- Deep Rose—Deep coral rose.
- Lavender—Clear lavender.
- Orange Scarlet—On white ground.
- Valentine—Rich salmon cerise on cream white.
- Whirlwind—Light cream pink.
- Pure White—White seeded.
- Mixed

PRICES OF ABOVE VARIETIES
½ oz. \$.90 Oz. \$1.50 ¼ lb. \$5.00 Lb. \$16.50



SWEET PEA MULTIFLORA



▲ **TORENIA FOURNIERI**



VINCA

BADGER PAK STAMP KIT

Kit consists of one 12 band adjustable rubber stamp, one (1½ oz.) bottle special opaque ink made especially for use on this type plastic, and one stamp pad. This means of labeling has proved to be not only the simplest but also the most efficient method to date.

Price — \$12.00 Postpaid

THUNBERGIA (Approx. 1,300 seeds per oz.)

ALATA MIXED (Black Eyed Susan)

This climbing or trailing plant makes a very dense growth and produces many flowers in shades of yellow, buff and orange, some with black centers. They are ideal for porch boxes or hanging baskets.

Tr. Pkt. \$.35 ¼ oz. \$.60 Oz. \$1.80

GIBSON!

Flowers, which are twice the size of Alata, are a rich clear deep orange.

100 seeds \$1.75 1000 seeds \$15.00

TORENIA (Approx. 375,000 seeds per oz.)

An excellent bedding plant which does well in sun, shade and semi-shade. The plants are prolific bloomers and the flowers resemble miniature violas.

FOURNIERI GRANDIFLORA BLUE—Plants grow about 12/16 inches tall, producing masses of blue flowers with a violet and yellow blotch of the lip.

FOURNIERI COMPACTA BLUE—A dwarf form of the above; grows about 8 inches tall.

FOURNIERI, COMPACTA WHITE—Pure white, about 8 inches tall.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.40 ⅛ oz. \$1.25 ¼ oz. \$2.25

VINCA (Periwinkle) (Approx. 21,000 seeds per oz.)

One of the most ideal bedding items. Vinca Rosea is able to tolerate even the hottest, dry weather and still make a good show. Foliage is lustrous dark green. For bedding sales sow late November through December as this is a slow starter.

TALL CLASS

Alba Pure—Pure white.

Rosa—Pink.

White with Eye

Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 ¼ oz. \$.65 Oz. \$2.00

¼ lb. \$5.75 Lb. \$18.00

DWARF TYPE

Bright Eye—Pure white with rose eye. Same dwarf and compact habit as Little Pinkie.

Tr. Pkt. \$1.00 ¼ oz. \$2.50 Oz. \$7.75 ¼ lb. \$22.50

Little Pinkie (Coquette)—Plants attain height of approx. 10 inches and flowers are rose-pink, foliage deep green.

Tr. Pkt. \$.45 ¼ oz. \$1.35 Oz. \$4.50 ¼ lb. \$13.50

Rose Carpet (Creeping)—Rose colored flowers—has creeping habit instead of upright growth.

Tr. Pkt. \$1.00 ¼ oz. \$3.00 Oz. \$9.00 ¼ lb. \$27.00



VERBENA

(Approx. 10,000 seeds per oz.)

Excellent for window boxes or combinations, Verbenas are also popular for bedding. To hasten germination seed should be sown in a 65° soil temperature. Because the plants tend to sprawl, they are easier to handle during the bedding sale season if they are pinched back early. Once established they may be grown at 50° night temperature.

Gloeckner SPECIAL STRAIN MIXED

A fine mixture of dwarf Verbena for spring bedding plant sales. The plants are very dwarf in habit and have a splendid range of colors containing many of the eye types through the mixture.

Especially adapted to growing in 2¼- and 3-inch pots.

Tr. Pkt. \$1.00 ¼ oz. \$2.00 ½ oz. \$3.50 Oz. \$6.00

BUSH-TYPE (Multiflora)

These new "Bush-Type" Verbenas are becoming very popular for their uniform, vigorous and upright growth. Eight to 10 inches high, the plants are topped with a dense mass of flower heads.

Firelight—Vivid solid red.

Roselight—Bright rose, white eye.

Salmon Queen—Salmon-pink.

Snow White

Starlight—Blue, cream eye.

Bush Type Blend—Brilliant mixture of above.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.45 ¼ oz. \$1.30 Oz. \$4.00

Pano-drench Protect seedlings from damping-off!

Discover how many seeds there really are in a packet . . . then make sure all the seedlings reach transplanting age—by using Pano-drench. Pano-drench prevents and controls damping-off, the disease that permits plants to grow to two-inch height, then kills them overnight. One teaspoon, diluted in 6 quarts of water treats three large flats. Applied like plant food, Pano-drench protection lasts for weeks. Apply either before or after planting. Use also as root dip when transplanting.

4-Ounce Bottle \$5.95 — 16-Ounce Bottle \$19.20



VERBENA DWARF COMPACTA

Gloeckner
FLOWER SEEDS

HYBRIDA GRANDIFLORA GIGANTEA

A popular bedding plant due to its free flowering qualities. Seed must be sown early to get good plants for spring.

Beauty of Oxford Hybrids—Rose pink to rose shades.

Lavender Glory—Lavender with light eye.

Marilyn—A fiery cerise rose with small cream eye.

Sutton's Blue—Deep royal blue without eye.

Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.45 ¼ oz. \$1.25 Oz. \$3.75

DWARF COMPACTA

This class of Verbenas is unmatched for its neat, compact habit. The dwarf plants are covered throughout the season with large trusses of mammoth blooms. In addition to the dwarf, compact growth there are no open spots in the plant so common in the regular strains.

Crystal—Pure white flowers produced in abundance.

Dazzle—Solid, scarlet-red flowers.

Delight—Coral-pink suffused salmon.

Sparkle—Bright scarlet-red with large white eye.

Splendor—Royal purple with clear white eye.

Sparkle Hybrid Mixed—Neat, dwarf, compact habit. Plant completely covered with giant size florets. Complete color range.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.50 ¼ oz. \$1.50 Oz. \$4.50



VERBENA SPARKLE



ZINNIA THUMBELINA

MISCELLANEOUS

Fantasy Mixed—A colorful blend of shaggy petaled double flowers of medium size. Good for cutting.

Tr. Pkt. \$.40 ¼ oz. \$.60 Oz. \$1.80

Merry-Go-Round—Mixture of bi-colors with cactus and semi-cactus flowers. Colors contrast very sharply in each flower.

Tr. Pkt. \$.75 ¼ oz. \$2.00 Oz. \$6.00

Miss Universe—Large, fully double flowers of semi-cactus type, are produced on compact, bushy plants. Excellent color range.

Tr. Pkt. \$.40 ¼ oz. \$1.25 Oz. \$3.75

Navajo Mixed (Gaillardia Flowered)—1½-inch flowers which resemble Pica Double Gaillardia, in both form and color.

Tr. Pkt. \$.35 ¼ oz. \$.85 Oz. \$2.25

New Century Mixed—Large double blossoms are produced on sturdy 2½-3-foot plants. Complete color range.

Tr. Pkt. \$.75 ¼ oz. \$2.00 Oz. \$6.00

Ortho Polka—Blooms striped and mottled like Giant Peppermint Stick, but produced on much larger and sturdier 3-foot plants.

Tr. Pkt. \$.50 ¼ oz. \$1.25 Oz. \$3.75

Peppermint Stick—Contains a wide color range of Pumila-type flowers, 60% of which are beautifully striped. An improvement over the previous striped series.

Tr. Pkt. \$.35 ¼ oz. \$.85 Oz. \$2.25

Persian Carpet—Fully double, variegated, miniature flowers are produced on everblooming mound shaped plants.

Tr. Pkt. \$.50 ¼ oz. \$1.50 Oz. \$4.50

Red Riding Hood (Gracillima Type)—Miniature deep scarlet flowers on plants 1½-2 feet.

Tr. Pkt. \$.35 ¼ oz. \$.85 Oz. \$2.25

State Fair—Mixture of Tetra Zinnias in a complete range of colors. The extremely large flowers are full double, produced on sturdy plants with heavy dark green foliage.

Tr. Pkt. \$.40 ¼ oz. \$1.00 Oz. \$2.75

THUMBELINA ALL-AMERICA SELECTION

This is a new strain of zinnia which is ideal for edging. The plant grows about 6 inches tall and is literally covered with 1¼-1½-inch flowers. This mixture consists of white, yellow, pink, lavender, orange and scarlet, and originator states that Thumbelina starts to flower when about 4 inches tall, making small specimens for flats or peat pots.

Tr. Pkt. \$.85 1/16 oz. \$1.50 ⅛ oz. \$2.75
¼ oz. \$5.00 Oz. \$15.00

GIANT CALIFORNIA OR MAMMOTH FLOWERED

(Approx. 3,150 seeds per oz.)

These plants, which are three to four feet in height, are taller than the Dahlia Flowered class and have long stems which adapt them for use as a cut flower. The large, flat flowers with imbricated petals give a graceful effect. Their colors are brilliant and clear.

Pink Lady—Bi-color with pink center and cream and buff outer petals.

Tr. Pkt. \$.50 ¼ oz. \$.85 Oz. \$2.50
¼ lb. \$7.50 Lb. \$21.50

Brightness—Bright pink.

Cherry (Cerise) Queen—Rich crimson.

Crimson Queen—Rich crimson.

Daffodil Improved—Canary yellow.

Enchantress—Light rose, deep rose center.

Golden Queen—Golden yellow.

Grenadier—Bright, dark red.

Isabellina—Creamy buttercup.

Lavender Queen—Deep rosy lavender.

Miss Willmott—Soft pink.

Orange King—Cadmium or orange scarlet.

Orange Queen—Golden orange.

Purity—White, best white in Zinnias.

Rose Queen—Striking bright rose.

Salmon Queen—Salmon rose.

Scarlet Queen—Glowing deep scarlet.

Violet Queen—Deep purple.

Finest Mixed—From named varieties.

DAHLIA FLOWERED—Bodger's Gold Medal Strain

(Approx. 3,000 seeds per oz.)

The center petals of this popular class incurve, giving them a deep, full appearance.

Canary Bird—Rich canary yellow.

Crimson Monarch—Deep crimson.

Dream—Deep lavender.

Eldorado—Salmon apricot.

Exquisite—Light rose, deep rose center.

Golden Dawn—Golden yellow.

Golden State—Golden orange.

Illumination—Deep rose self.

Luminosa—Bright deep pink.

Oriole—Orange and gold bi-color.

Polar Bear—Large, pure white.

Purple Prince

Scarlet Flame—Bright scarlet.

Will Rogers—Brilliant scarlet red.

Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 ¼ oz. \$.50 ½ oz. \$.85 Oz. \$1.50
¼ lb. \$4.50 Lb. \$13.00

F₁ HYBRIDS

Trail Blazer—This F₁ Hybrid produces medium sized double and semi-double flowers of brilliant red and yellow centers.

Tr. Pkt. \$.90 ¼ oz. \$3.25 Oz. \$12.00

Firecracker ALL-AMERICA SELECTION (New)—Vigorous, branching plants which produce a profusion of fiery scarlet flowers.

Tr. Pkt. \$2.25 ⅛ oz. \$4.00 ¼ oz. \$7.00 Oz. \$21.00

GIANT CACTUS FLOWERED

(Approx. 3,100 seeds per oz.)

Cherry Time—Shades of cherry, cerise and spirea red.

Dark Jewels—A blend of the darker, stronger colors in the cactus types. This mixture includes the most recent introductions.

Ice Cream Imp.—Large cactus flowered hybrid, true cream yellow.

Lilac Time—Shade of rich rosy lilac.

Pride of Deldrin—Bi-colored flowers, golden orange outside deepening to scarlet in the centers. Vigorous plants.

Snow Time—The nearest to white of any cactus flowered zinnia.

Blaze—A brilliant combination of mandarin red and scarlet orange.

Burpee Hybrids—Varied mixture of brilliant colors and blends.

Floradale Scarlet—Vibrant red with twisted petals.

Riverside Beauty—Luminous pink with curled and twisted petals.

Sunny Boy—Rich buttercup yellow, flat reflexed petals.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 1/4 oz. \$.50 1/2 oz. \$.80 Oz. \$1.50

RED MAN

This All-America winner is one of the most attractive of the large flowered Zinnias. The flower is a giant cactus type and the color is brilliant scarlet. Growth habit is semi-dwarf and erect growing.

Tr. Pkt. \$.75 1/4 oz. \$2.25 Oz. \$8.00

IMPROVED LILLIPUT (Approx. 4,000 seeds per oz.)

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stemmed 1½-ft. plants.

Canary Yellow	Pink Gem	Scarlet Gem
Crimson	Purple Gem	White Gem
Golden Gem	Rosebud	Pastel Mixture
Lilac Gem	Salmon Gem	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 1/4 oz. \$.50 1/2 oz. \$.80 Oz. \$1.50
1/4 lb. \$5.00 Lb. \$15.00

LILLIPUT TOM THUMB (Approx. 5,900 seeds per oz.)

Mixture—Plants 4-6 inches, compact with well formed flowers of the Lilliput type. In red, orange, yellow, pink, rose and pastel shades.

Tr. Pkt. \$.35 Oz. \$1.50

HAAGEANA

Old Mexico—This is a silver medal winner in the All-America trial. The color is a uniform deep red at the base overlaid and tipped with golden yellow on the petals. It is very free flowering and ideal as a cut flower for the home gardener. The plants are uniform and bushy, producing 2½-inch flowers on plants that grow about 18 inches tall.

Tr. Pkt. \$.85 1/8 oz. \$1.50 1/4 oz. \$2.35 Oz. \$8.00

ELEGANS PUMILA DOUBLE—"Cut and Come Again"

(Approx. 4,200 seeds per oz.)

Medium size flowers on long stems. This makes an ideal garden variety both as a tall border planting and for cutting.

Canary Yellow	Scarlet
Crimson	Snowball
Golden Orange	Sunshine Tints—Pastel shades.
Pinkie—Rose pink.	Tangerine—Orange red tinge.
Salmon Rose	Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.30 Oz. \$1.50 1/4 lb. \$5.00



▲ ZINNIA OLD MEXICO



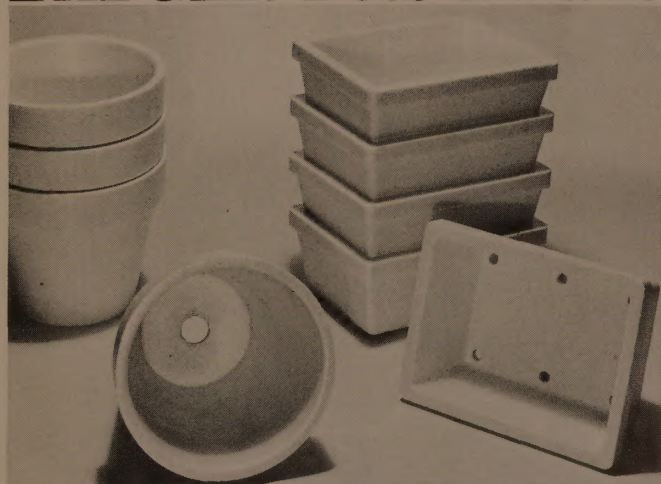


ALYSSUM



▲ COREOPSIS DOUBLE SUNBURST

BADGER Pots & Paks



For Prices and Description See Page 43

PEREN

Home gardeners are discovering the landscape beauty of the easy-to-grow perennials listed on these pages. No spring sales yard is complete without a wide selection of perennials in baskets or pots for them to choose from. At present the most popular are Alyssum saxatile, Aquilegia, English Daisy, Cerastium, Siberian Wallflower, Campanula, Shasta Daisy, Coreopsis, Foxglove, Gaillardia, Heuchera, Candytuft, Scabiosa, Sweet William, and Viola Cornuta. Seed is best sown in spring for germination is better when the weather is cool. The young plants are spaced in beds in early summer and they winter over well for spring sales. Indoor-sown seed in January or early February also produces saleable spring plants, many of which will be in bloom. Plan now to round out your plant offerings with the popular perennials.

ACHILLEA

THE PEARL (Ptarmica)—Double pure white flowers borne in dense heads. Tr. Pkt. \$.30 ¼ oz. \$1.25

CLOTH OF GOLD (Filipendula)—Large heads of golden yellow flowers on long stems. Good for cutting. Tr. Pkt. \$.30 ¼ oz. \$1.25

AGROSTEMMA

CORONARIA ATROSANGUINEA—Deep blood red. Tr. Pkt. \$.25 Oz. \$.60

ALYSSUM

SAXATILE COMPACTUM "GOLD DUST"—Dwarf, shrubby habit with dense heads of golden-yellow flowers. Blooms from early spring through June and grows 12 inches high. Tr. Pkt. \$.25 Oz. \$1.20

ANCHUSA

ITALICA DROPMORE—Flowers resemble clusters of giant Forget-me-nots and are turquoise blue. Plants attain a height of 3 to 5 feet and bloom during June and July. Tr. Pkt. \$.25 ¼ oz. \$.75 Oz. \$2.25

MYOSOTIDIFLORA—Produces large sprays of tiny blue Forget-me-not flowers above large heart-shaped leaves. Tr. Pkt. \$.45 ⅛ oz. \$1.35 ¼ oz. \$2.50 Oz. \$7.50

ANTHEMIS

KELWAYI—One of the best of the hardy Marguerites, produces yellow daisy-like flowers over a long season. Tr. Pkt. \$.20 ¼ oz. \$.35 Oz. \$1.10

ARMERIA

FORMOSA HYBRIDA—Various shades of rose pink. Tr. Pkt. \$.40 ¼ oz. \$1.40

ARABIS

ALPINA PINK—Grows about 12 inches tall. Color is a delicate pale pink. Tr. Pkt. \$.45 Oz. \$4.00

ALPINA "SNOW CAP"—Attains a height of 6 inches. The plant flowers very early and is of a spreading nature. The white flowers which appear from early spring to May are so numerous that no foliage is visible. Tr. Pkt. \$.40 Oz. \$2.75

ASTER

ALPINUS MIXED—Plants attain a height of about 9 inches; suitable for rockery, or front of borders, where they make a nice display during May and June. Tr. Pkt. \$.60 ¼ oz. \$1.95

ASCLEPIAS

TUBEROSA—Very showy and popular plant bearing flowers of brilliant orange scarlet during July and August. Tr. Pkt. \$.35 Oz. \$3.90

AQUILEGIA

COERULEA—Rocky Mountain Blue Columbine. Clear blue with a white corolla.

Tr. Pkt. \$.40 ¼ oz. \$1.25 Oz. \$3.75

CRIMSON STAR HYBRIDS—Bi-color dark red with white.

Tr. Pkt. \$.60 ¼ oz. \$3.00

McKANA'S GIANT—Large long spurred flowers. A bright mixture of colors.

Tr. Pkt. \$1.00 ¼ oz. \$3.00 Oz. \$9.00

LONG SPURRED BLUE SHADES

Tr. Pkt. \$.60 ¼ oz. \$3.00

MRS. SCOTT ELLIOTT'S HYBRIDS—Most popular Columbine.

Tr. Pkt. \$.50 Oz. \$4.50

ROSE QUEEN—Pink with white corolla.

Tr. Pkt. \$.50 Oz. \$4.50

SNOW QUEEN—The largest pure white.

Tr. Pkt. \$.50 Oz. \$4.50

AUBRETIA

Low growing plant that forms a solid green mound. The flower stems are produced about 6 inches above the plant.

HENDERSONI—Deep purple.

Tr. Pkt. \$.45 ¼ oz. \$1.30

LEICHTLINI—Carmine rose.

Tr. Pkt. \$.45 ¼ oz. \$1.30

BELLIS (English Daisy)

PERENNIAL MONSTROSA—Pink, red, white mixed.

Tr. Pkt. \$.60 ¼ oz. \$3.75

BROOM (Cytisus)

CHOICE MIXED—Bright colored raceme-like blooms on vigorous, hardy shrubs. Will flower from seed the second year.

Tr. Pkt. \$.50 ¼ oz. \$2.35

CARNATION

EARLY VIENNA—Very dwarf.

Tr. Pkt. \$.60 ¼ oz. \$2.75

GRENADIN MIXED

Tr. Pkt. \$.60 ¼ oz. \$2.00

CAMPANULA

CARPATICA—9-inch blue; June bloom. Upright cup-shaped flowers produced on leafy, erect growing plants. Ideal for use in wall gardens.

Tr. Pkt. \$.60 ¼ oz. \$2.80

CALYCANTHEMA

One of the most showy of this group. The flowers are large, on stalks that attain a height of about 3 feet. Good for cutting.

Deep Blue

Deep Rose

White

Tr. Pkt. \$.30 ¼ oz. \$.80 Oz. \$2.40

PERSICIFOLIA

This variety grows from 2 to 3 feet tall and produces flowers that are more shallow than bell shaped and has foliage that is long, narrow and very graceful.

Blue

Alba

Tr. Pkt. \$.50

PYRAMIDALIS

One of the tallest Campanulas, attaining a height of about 5 feet. Its long stalks of flowers start blooming in August and continue for several weeks.

Alba

White

Tr. Pkt. \$.40

ROTUNDIFOLIA

An attractive flower producing little bells of blue during late spring and continuing over a long season. Grows 12 inches tall.

Tr. Pkt. \$.60

CENTAUREA

MONTANA—Has numerous deep blue flowers resembling Centaurea Cyanus on plants growing about 1½ feet tall. Flowers early.

Tr. Pkt. \$.30 Oz. \$1.80

CERASTIUM

TOMENTOSUM—Snow in the Summer is a very descriptive name for this low-growing plant. Grows about 6 inches high. Its small white flowers are produced in June. Excellent for rockeries.

Tr. Pkt. \$.30 Oz. \$2.00

CHEIRANTHUS (Siberian Wallflower)

ALLIONI—The Siberian Wallflower, a biennial, produces its bright orange flowers on 15-inch spikes from May to September. To keep plant blooming, flowers must be cut.

Tr. Pkt. \$.25 Oz. \$.45

CHRYSANTHEMUM (Shasta Daisy)

ALASKA—Most popular of all. Large pure white blooms on excellent stems. Starts blooming in June and continues for some time.

Tr. Pkt. \$.25 Oz. \$1.50

MAY QUEEN (Spring Marguerite)—Medium sized flowers.

Tr. Pkt. \$.40 Oz. \$2.00

COREOPSIS

MAYFIELD GIANTS—Deep golden yellow, large flowers, early.

Tr. Pkt. \$.25 Oz. \$.90

DOUBLE SUNBURST—Large, golden yellow, fully double flowers.

Tt. Pkt. \$.25 Oz. \$1.10

DIANTHUS

PLUMARIS SPRING BEAUTY—The grass, or Garden Pinks, are low-growing plants, which bloom early in the spring. This extra double strain is outstanding.

Tr. Pkt. \$.45 ¼ oz. \$1.75

DELTOIDES CARMINE ROSE (Maiden Pink)—Deep rose, 8".

Tr. Pkt. \$.50 ¼ oz. \$2.50

DICENTRA

EXIMA (Plumy Bleeding Heart)—Rose pink blooms on dwarf, 12-inch plants.

Tr. Pkt. \$.50 ¼ oz. \$1.50

DORONICUM (Leopards Bane)

CAUCASICUM—Grows about 2 feet tall. Bears daisy-like yellow flowers on long stems.

Tr. Pkt. \$1.00 ⅓ oz. \$2.25

DIGITALIS (Foxglove)

Flowers during June and July. The flowering spike grows well over 3 feet in height with individual tubular or bell-shaped flowers placed close on the side of the stem.

EXCELSIOR—This unusually fine Foxglove carries its flowers at right angles to the stem rather than drooping downwards as other types do. This feature reveals the full effect of the marking inside each flower. All colors are represented in this complete mixture.

THE SHIRLEY—Giant hybrids, spotted throats.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.45 Oz. \$3.75

EREMURUS

ROBUSTUS—Commonly called Foxtail Lily. This plant grows over 6 ft. tall, producing a bright rose flower spike.

Tr. Pkt. \$1.00 ¼ oz. \$3.50



LUPINUS RUSSELL'S PRIZE MIXTURE



LINUM PERENNE



LYCHNIS CHALCENDONICA

EUPHORBIA

MYRSINITES—Attractive bluish gray foliage. Large yellow heads of flowers are produced on each branch during May. 6-8 inches tall. Tr. Pkt. \$.35 1/8 oz. \$1.00

POLYCHROMA—Grows about 15 to 18 inches tall, producing lemon colored rose-shaped flowers during May and June. Tr. Pkt. \$.85 1/16 oz. \$1.50

GAILLARDIA

Blanket flowers are showy and of easy culture. They begin to flower in June and continue until frost.

BURGUNDY—Copper scarlet self. Tr. Pkt. \$.30 Oz. \$2.50

DAZZLER—Large rich red flowers with orange tip. Fine for cutting. Tr. Pkt. \$.30 Oz. \$1.90

GOBLIN—Dwarf, compact. Deep red with yellow border. Tr. Pkt. \$.40 Oz. \$2.90

PORTOLA HYBRIDS—Red with golden tips. Excellent for cutting. Tr. Pkt. \$.30 Oz. \$2.00

GEUM

This plant, which flowers from May to October, is useful for cutting and can also be used for borders and rockeries.

MRS. BRADSHAW—Brilliant scarlet. Double flowers. Good for cutting. Tr. Pkt. \$.30 Oz. \$2.75

LADY STARTHEDEN—Double golden yellow. Excellent for cutting. Tr. Pkt. \$.30 Oz. \$2.75

GYPSOPHILA

One of the daintiest of old-fashioned flowers. The plants are covered with small bloom all during the summer. The tall growing varieties are good for cutting.

PANICULATA (Single)—Hardy, graceful sprays of white flowers. Tr. Pkt. \$.25 Oz. \$1.00

HELIANTHEMUM (Sun Rose)

MUTABILE—Dwarf evergreen rock plant that grows about 8-10 inches. The mixture of pink and orange flowers cover the plant during June and July.

Tr. Pkt. \$.35 1/4 oz. \$.60 Oz. \$1.80

HEUCHERA

One of the most desired of the smaller growing plants. The plants of Sanguinea are compact, bushy and grow in tufts with flower stems about 1 1/2 feet high, blooming in mid-summer.

SANGUINEA—Fine for cutting. Vivid shade of coral red. Tr. Pkt. \$.60 1/8 oz. \$3.00

HOLLYHOCK — CHATERS DOUBLE

BLACK GEM—Maroon.

NEWPORT PINK

CHAMOIS

SALMON ROSE

ENCHANTRESS—Deep rose.

VIRGIN QUEEN—White.

FIRE KING—Scarlet.

MIXED

GOLDEN DROP—Sulphur.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.35 Oz. \$1.70

IBERIS

Low-growing plant that grows about 9 to 12 inches tall, and spreads out, making mats which are covered with flat, dense clusters of flowers from the end of April through June.

GIBALTARICA—Lilac. Tr. Pkt. \$.30 Oz. \$1.50

SEMPERVIRENS—White. Tr. Pkt. \$.60 Oz. \$4.75

LAVANDULA

VERA—Well-known, fragrant, hardy perennial. Always in good demand. Tr. Pkt. \$.40 1/4 oz. \$1.25

LIATRIS

Long spikes 4 to 5 feet tall of rosy purple. Flowers during August and September.

PYCNOSTACHYA—Rosy purple. Fine for cutting.
Tr. Pkt. \$.35 Oz. \$3.00

LINUM

PERENNE (Flax)—Blue. 1½ feet tall.
Tr. Pkt. \$.30 Oz. \$.90

FLAVUM—Yellow. 2 feet tall.
Tr. Pkt. \$.30 ¼ oz. \$.85 Oz. \$2.50

LUNARIA BIENNIS (Honesty)

ALBA—White. Tr. Pkt. \$.25 Oz. \$1.40

LUPINUS

RUSSELL'S PRIZE MIXTURE—The large florets form large, erect flower spikes. Mixture contains many unusual colors.
Tr. Pkt. \$.40 Oz. \$2.10

LYCHNIS

CHALCENDONICA—Flowers in June. Produces several flower stems over 3 feet tall with immense heads of vermilion scarlet flowers.
Tr. Pkt. \$.25 Oz. \$1.50

MYOSOTIS

ALPESTRIS VICTORIA—Grows about 6 inches tall and is compact in growth. Produces its clear indigo blue flowers beginning in April.
Tr. Pkt. \$.60 Oz. \$4.75

PALUSTRIS SEMPERFLORENS—Pale blue flowers. Begins blooming about May and continues until fall.
Tr. Pkt. \$.40 Oz. \$3.25

PRIMULA

Hardy Primrose are showy plants that have small, dainty flowers during April. The plants grow about 6 to 8 inches tall.

AURICULA ALPINE MIXED
Tr. Pkt. \$1.00 ¼ oz. \$5.00

VERIC MUNSTEAD'S STRAIN
Tr. Pkt. \$1.25 ¼ oz. \$5.25

PYRETHRUM

These are excellent for cutting. The bright colored daisy-like flowers are produced on long stems. Plants grow about 2 to 3 feet tall and flower in June.

HYBRIDUM SINGLE MIXED
Tr. Pkt. \$.60 Oz. \$5.50

DOUBLE MIXED
Tr. Pkt. \$.60 ½ oz. \$1.60 Oz. \$2.25

SAPONARIA

OCYMOIDES—Rose pink trailing rock plant.
Tr. Pkt. \$.30 Oz. \$2.10

SCABIOSA

Plants grow about 2 to 3 feet tall producing their flowers on wiry stems from June to September. Good for cutting.

CAUCASICA ISAAC HOUSE HYBRIDS—Improved strain. Flowers rang from lavender to dark blue. Excellent for cutting.
Tr. Pkt. \$.45 Oz. \$4.00

STATICE

CASPIA—Lilac. Fine for table decoration.
Tr. Pkt. \$.40 Oz. \$2.75

DUMOSA—Silvery gray flowers. Good cut flower.
Tr. Pkt. \$.40 Oz. \$2.75

LATIFOLIA—Deep blue flowers. Fine for cutting.
Tr. Pkt. \$.30 Oz. \$2.00

SWEET WILLIAM (Dianthus Barbatus)

NEWPORT PINK SINGLE MIXED
SCARLET BEAUTY—Scarlet red. DOUBLE MIXED

PRICES OF ABOVE VARIETIES
Tr. Pkt. \$.40 Oz. \$2.60

DWARF ALPINUS MIDGET MIXED (Indian Carpet)—Early flowering type of Sweet William, consisting of light and dark colors, mixed. Height 4 to 6 inches. Suitable for border or rock garden planting.

Tr. Pkt. \$.60 ¼ oz. \$1.50 Oz. \$4.75

TRITOMA

HYBRIDS (Red Hot Poker)—Mixed.
Tr. Pkt. \$.45 Oz. \$2.40

VERONICA

SPICATA—Grows about 1½ feet tall and produces its bright blue flowers during June.

Tr. Pkt. \$.50 Oz. \$4.00

VIOLA CORNUTA

These miniature pansies are quite pretty and good for bedding. Ideal to cut for display in bowls or miniature arrangements.

ADMIRATION—Large dark blue.

CHANTREYLAND—Pure apricot.

ARKWRIGHT RUBY—Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant.

BLUE PERFECTION—Large flowered fine blue.

LUTEA SPLENDENS—Golden yellow.

PAPILIO—Blue and white.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.60 ¼ oz. \$2.00 Oz. \$6.00

TOYLAND—An F2 Hybrid mixture that has large flowers freely produced on sturdy, compact plants. The flowers are waved and consist of straight colors as well as combinations of red, gold, apricot, blue, purple, mahogany and white.

Tr. Pkt. \$1.00 ¼ oz. \$3.50 Oz. \$10.50



VIOLA CORNUTA



LETTUCE BIBB



CUCUMBER F₁ HYBRIDS



EGG PLANT
MISSION BELL
F₁ HYBRID

VEGETABLE SEEDS

MODERN F₁ HYBRID VEGETABLES

F₁ Hybrid Vegetables, like F₁ Hybrid Flower seeds, offer many benefits over the older standard or line bred varieties. Uniformity, earliness, disease resistance and, above all, much greater productivity are all clearly evident in the F₁ Hybrids.

CUCUMBER—Burpee Hybrid
CUCUMBER—Early Surecrop
CUCUMBER—Total Marketer
TOMATO—Burpee Big Boy Hybrid
TOMATO—Burpee Hybrid
TOMATO—Early Giant
TOMATO—Giant King
EGG PLANT—Burpee Hybrid
EGG PLANT—Mission Bell
SQUASH—Blackini
TOMATO—Tuckcross O
TOMATO—Wonder Boy

BROCCOLI

ITALIAN GREEN SPROUTING (Early strain)—Vigorous, early type forming large, compact central heads and very few laterals.

Oz. \$.50 ¼ lb. \$1.50 Lb. \$4.50

BRUSSELS SPROUTS

LONG ISLAND IMPROVED—Plant dwarf and compact.

Oz. \$.60 ¼ lb. \$2.00 Lb. \$6.00

CABBAGE

COPENHAGEN MARKET—Early, round headed variety. Excellent quality.

DANISH BALL HEAD (Penn State Strain)—Most popular late variety. Good keeper.

EARLY JERSEY WAKEFIELD (Yellows resistant)—The earliest oblong variety. Sure header, small heads, suitable for home gardens.

PRICES OF ABOVE VARIETIES

Oz. \$.50 ¼ lb. \$1.50 Lb. \$4.50

GOLDEN ACRE (Yellows Resistant) — The earliest resistant cabbage developed. A SOLID ROUND HEAD OF MEDIUM SIZE.

Oz. \$.60 ¼ lb. \$2.25 Lb. \$6.75

WISCONSIN ALL SEASON (Yellows Resistant)—A main crop yellow resistant cabbage. Round head, good quality.

MAMMOTH RED ROCK—Best red variety. Good keeper, round head.

MARION MARKET (Yellows resistant) — A resistant Copenhagen Market, matures a trifle later.

PRICES OF ABOVE VARIETIES

Oz. \$.60 ¼ lb. \$2.00 Lb. \$6.00

PREMIUM (Late) FLAT DUTCH—Large late variety. Very good quality, excellent keeper.

Oz. \$.45 ¼ lb. \$1.50 Lb. \$4.50

SAVOY, CHIEFTAIN—Earlier than standard market varieties of Savoy. Plant medium short stemmed.

Oz. \$.65 ¼ lb. \$2.25 Lb. \$6.95

CAULIFLOWER

EARLY SNOWBALL "A" (Dwarf Erfurt)—One of the most satisfactory early strains of Snowball.

SNOWDRIFT—Heads large, firm and snowy white.

PRICES OF ABOVE VARIETIES

¼ oz. \$1.00 Oz. \$3.00 ¼ lb. \$9.00

CELERY

GOLDEN YELLOW SELF BLEACHING—Standard early market variety.

GOLDEN PLUME—Early, non-bolting variety. Fine flavor, solid and tender.

GIANT PASCAL—Stems thick, of fine quality, rich, nutty flavor. An excellent variety.

PRICES OF ABOVE VARIETIES

Oz. \$1.50 ¼ lb. \$5.00

PARSLEY

EXTRA TRIPLE CURLED (Moss-Curled)—Plants compact, leaves dark and finely cut.

Oz. \$.30 ¼ lb. \$1.00 Lb. \$3.00

CUCUMBER F₁ HYBRIDS

BURPEE HYBRID (60 Days)—High resistance, vigor and long production, make this a truly outstanding variety.

EARLY SURECROP (58 Days)—This variety is now widely sold for Greenhouse, Market and Home Gardening use. Used for both pickling and slicing, the crisp 8 to 9-inch fruits are highly disease resistance.

TOTAL MARKETER (65 days)—For use as a shipper and greenhouse hybrid. Produces uniform dark green 8 to 9-inch fruits over a period which extends well past most other varieties. High yielding and uniform.

PRICES OF ABOVE VARIETIES

½ oz. \$2.20 Oz. \$4.25 ¼ lb. \$12.75

EGG PLANT

BLACK BEAUTY—An extra early, large variety with few seeds. Oz. \$1.00 ¼ lb. \$3.00 Lb. \$9.00

BURPEE HYBRID F₁ (70 days)—Vigorous, continuous producer. Highly resistant to drought and disease. Fruits medium size.

½ oz. \$5.00 Oz. \$9.00 ¼ lb. \$25.00

FORT MYERS MARKET—High bush variety. Heat and disease resistant. Oz. \$1.00 ¼ lb. \$3.20 Lb. \$9.60

MISSION BELL F₁ HYBRID (70 days)—Vigorous, upright, medium tall plants which produce a heavy, high quality yield. Fruits are deep oval shaped, tapering slightly toward the stem, with skin that is smooth, dark and shiny.

½ oz. \$6.50 Oz. \$12.00 ¼ lb. \$33.00

LETTUCE

BIBB (Forcing)—Plant small, forming a small loosely folded head, leaves thick, dark green, slightly fringed with brown. Oz. \$.30 ¼ lb. \$1.00 Lb. \$3.00

SIMPSON—Ideal mid-summer leaf variety, will withstand heat and drought.

Oz. \$.25 ¼ lb. \$.80 Lb. \$2.40

GRAND RAPIDS FORCING—The leading greenhouse forcing leaf variety, but may be grown successfully outdoors.

Oz. \$.30 ¼ lb. \$1.00 Lb. \$3.00

BIG BOSTON—A large headed variety for mid-summer and fall use. Oz. \$.25 ¼ lb. \$.80 Lb. \$2.40

ICEBERG—Crisp heading variety for home and market. Oz. \$.30 ¼ lb. \$1.00 Lb. \$3.00

IMPERIAL 847—Crisp heading variety of medium size. Leaves smooth, thick and light green.

Oz. \$.60 ¼ lb. \$2.00 Lb. \$6.00

ROMAINE (Cos or White Paris Self Folding)—Medium tall plants with firm spoon shaped straight edged outer leaves.

Oz. \$.30 ¼ lb. \$1.00 Lb. \$3.00

SALAD BOWL—Improvement over Oak Leaf. Early, stands summer heat exceptionally well. Loose leaf variety.

Oz. \$.70 ¼ lb. \$2.25 Lb. \$6.75

ONION

WHITE SWEET SPANISH—White with clear, glistening skin. Globe shaped.

YELLOW SWEET SPANISH (Utah Strain)—Globe-shaped, keeps extra well.

PRICES OF ABOVE VARIETIES

Oz. \$.70 ¼ lb. \$2.30 Lb. \$6.90

RADISH

IMPROVED SCARLET GLOBE—Very early sort, valuable for out-of-door culture and for forcing. Uniform, rich, bright scarlet; flesh white.

WHITE ICICLE—The best early white variety. Roots long, tapered, very white throughout.

PRICES OF ABOVE VARIETIES

Oz. \$.25 ¼ lb. \$.50 Lb. \$1.50

SQUASH

BLACKINI (50 Days)—Improved Zucchini type. A very high yielding, good looking variety. Best picked when fruits are 6 to 8 inches long. Plants are very vigorous and compact.

Oz. \$.90 ¼ lb. \$3.00 Lb. \$9.00

Gloeckner

FLOWER SEEDS

PEPPER

ALL BIG (Sweet)—Shaped like World Beater but darker and longer. Oz. \$1.20 ¼ lb. \$4.00 Lb. \$12.00

CALIFORNIA WONDER (Sweet)—Much used, particularly by market growers. Large green fruits practically as early as Ruby King.

Oz. \$.95 ¼ lb. \$3.25 Lb. \$9.75

CAYENNE LONG RED (Hot)—A leading sort for use in pickles, for canning and for drying. Fruits long, tapered, and very pungent.

Oz. \$.75 ¼ lb. \$2.70 Lb. \$8.25

FLORAL GEM (Bull Nose or Large Bell)—Hot, medium sized fruits, deep green.

Oz. \$1.20 ¼ lb. \$4.00 Lb. \$12.00

GOLDEN CALIFORNIA WONDER—Golden fleshed type.

Oz. \$1.35 ¼ lb. \$4.00 Lb. \$12.00

HUNGARIAN YELLOW WAX (Hot)—Yellow, very early. Fruits long, tapered. Waxy light yellow.

Oz. \$.90 ¼ lb. \$3.00 Lb. \$9.00

OAKVIEW WONDER (Early California Wonder)—Sweet, productive.

Oz. \$1.35 ¼ lb. \$4.00 Lb. \$12.00

PIMENTO (Sweet)—Standard variety for home and market garden. Fruits heart-shaped and very smooth.

\$.95 ¼ lb. \$3.35 Lb. \$9.50

RUBY KING (Sweet)—A favorite for home and market garden. Fruits large and slightly tapered. Bright red.

Oz. \$1.00 ¼ lb. \$3.00 Lb. \$9.00

SWEET BANANA (Hungarian Yellow Wax) (Sweet)—Plants vigorous, erect. Fruit about 7 inches long, 2 inches thick.

Oz. \$1.00 ¼ lb. \$3.25 Lb. \$9.75

WORLD BEATER (Sweet)—An early sort. Fruits large, oblong; flesh thick and sweet. Bright red.

Oz. \$.75 ¼ lb. \$2.70 Lb. \$8.20

HERBS

Customers will be buying herbs this spring as never before for the garden and home magazines have been playing up their culinary uses as well as their garden beauty. Meet this demand with young plants in bands and flats.

ANISE (Annual)—14 to 16 inches tall. Aromatic seeds used in flavoring.

BASIL (Annual)—12 inches tall. Entire plant has fragrant, spicy aroma. Used for seasoning.

BORAGE (Annual)—12 to 18 inches tall. Large, thick leaves are used as a pot herb.

CORIANDER (Annual)—2 to 2½ feet tall. Grown for seed. Used for flavoring in baking and confections.

DILL (Annual)—2 to 3 feet tall. Chiefly grown for seed clusters used in pickling.

SWEET FENNEL (Biennial)—3 to 4 feet tall. Usually treated as an annual. Seed used for flavoring confections.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.25 Oz. \$.60

SWEET MARJORAM—1½ to 2 feet tall. Grown for tender young leaves used in seasoning.

SAGE (Perennial)—14 to 16 inches tall. The most commonly used of all herbs for seasoning.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.25 ½ oz. \$.60

ROSEMARY (Half Hardy Perennial)—2 to 4 feet tall. Leaves used for seasoning.

THYME (Hardy Perennial)—8 to 10 inches tall. Pungent flavor, used in culinary seasoning.

PRICES OF ABOVE VARIETIES

Tr. Pkt. \$.25 ¼ oz. \$.60

TOMATOES

F₁ HYBRID TOMATOES

BURPEE BIG BOY HYBRID®

One of the largest F₁ Hybrid Tomatoes. Fruits are firm, smooth, deep globe scarlet of excellent flavor and quality. Mid-season, producing continuously until frost.

EARLY GIANT

60 Days—Vigorous, early and large fruited. Deep red, globe shaped without undesirable white core.

GIANT KING

80 Days—Bright scarlet, globe shaped fruits of excellent quality and flavor. Good mid-season tomato.

TUCKCROSS O

(Tuckers Forcing X Ohio WR No. 3)—Forcing variety, produces red fruits which are smooth, meaty and highly disease resistant.

WONDER BOY

80 Days—This improved mid-season variety produces large, round, meaty fruits of exceptional texture and flavor.

PRICES OF ABOVE VARIETIES

1/8 oz. \$4.50 1/4 oz. \$8.50 1/2 oz. \$16.00
Oz. \$30.00 1/4 lb. \$98.00

BURPEE HYBRID

70 Days—Scarlet red fruits are medium large, smooth and form. Good all purpose main crop. Heavy producer.

PA. 103

70 Days—Rich, red fruits, highly resistant. Excellent for the South, Central and Eastern United States.

PRICES OF ABOVE VARIETIES

1/8 oz. \$3.50 1/4 oz. \$6.00 1/2 oz. \$11.00
Oz. \$21.00 1/4 lb. \$65.00



TOMATO WONDER BOY ▲

TOMATOES (Small Fruited)—For Pickles, Salads, Preserves

Red Cherry Yellow Pear
Yellow Plum Yellow Husk or Ground Cherry

PRICES OF ABOVE VARIETIES

1/4 oz. \$.50 Oz. \$1.25 1/4 lb. \$4.00

STANDARD VARIETIES

BONNY BEST (73 Days)—A general purpose tomato. Fruits evenly colored scarlet-red, medium large.

Oz. \$1.05 1/4 lb. \$3.10 Lb. \$9.20

BREAK O'DAY (73-75 Days)—Early wilt resistant, globe-shaped sort. Fruits are large, scarlet, of good quality.

Oz. \$1.10 1/4 lb. \$3.30 Lb. \$9.90

CRIMSON CUSHION (Red Beefsteak)

Oz. \$1.35 1/4 lb. \$4.00 Lb. \$12.00

DWARF CHAMPION—Dwarf and tree-like. Ideal for limited space. Pink fruit.

Oz. \$1.00 1/4 lb. \$3.25 Lb. \$9.25

EARLIANA (64-66 Days)—Particularly valuable for home garden and early market. Fruit medium size, flattened.

Oz. \$1.00 1/4 lb. \$3.00 Lb. \$8.75

GIANT TREE (Italian Potato Leaf)—A pink tomato of large size. The large, smooth fruits have few seeds. Flesh is tender and mild.

Oz. \$1.20 1/4 lb. \$3.50 Lb. \$12.00

JUBILEE (72 Days)—Fruits bright, golden orange with few seeds.

1/4 oz. \$.40 1/2 oz. \$.60 Oz. \$1.60 1/4 lb. \$3.50

MANALUCIE—Mid-season red. Extra disease resistant.

Oz. \$1.00 1/4 lb. \$3.25 Lb. \$9.75

MASTER MARGLOBE (75-78 Days)—HIGHLY resistant and heavily productive.

Oz. \$1.00 1/4 lb. \$3.00 \$9.00

MICHIGAN STATE FORCING—Developed at Michigan State College. Very productive under restricted light conditions. Fruits deep scarlet, globe shaped, are borne in clusters of five to eleven.

1/4 oz. \$1.50 Oz. \$4.50

OXHEART—Heart shaped. Pink fruit, mild flavor.

Oz. \$1.50 1/4 lb. \$4.50 Lb. \$13.50

PONDEROSA (85 Days)—One of the best for home use. Fruits purplish-pink, very fleshy with few seeds, of very mild flavor.

Oz. \$1.35 1/4 lb. \$4.00 Lb. \$12.00

PRITCHARD (Scarlet Topper)—Wilt resistant, heavily productive. Fruits large, globular, scarlet and well colored about the stem end.

Oz. \$1.00 1/4 lb. \$3.00 Lb. \$9.00

RUTGERS (78 Days)—Highly recommended for second early maturing variety for canning and tomato juice. Fruits similar in shape to Marglobe. Uniformly colored flesh.

Oz. \$.90 1/4 lb. \$2.75 Lb. \$8.50

STOKESDALE (70-73)—Early, suitable for shipping. Fruits uniform, deep scarlet, globe shape.

Oz. \$.85 1/4 lb. \$2.75 Lb. \$8.25

STOKESCROSS No. 5 (Maturing 75 Days)—Average size of fruit 4.7 ounces. This is perhaps the strongest F₂ of the hybrid yet produced.

1/4 oz. \$.60 Oz. \$1.65 1/4 lb. \$5.00 Lb. \$15.00

STONE IMPROVED (85 Days)—Very solid fruit, scarlet red, flat shape.

Oz. \$.85 1/4 lb. \$2.75 Lb. \$8.25

URBANA—Fruits are scarlet on prolific, very compact plants.

Oz. \$1.00 1/4 lb. \$3.00 Lb. \$9.00

VALIANT—Early red.

Oz. \$.90 1/4 lb. \$3.00 Lb. \$9.00

BADGER PAKS and POTS

Smart Design for Added Sales Appeal

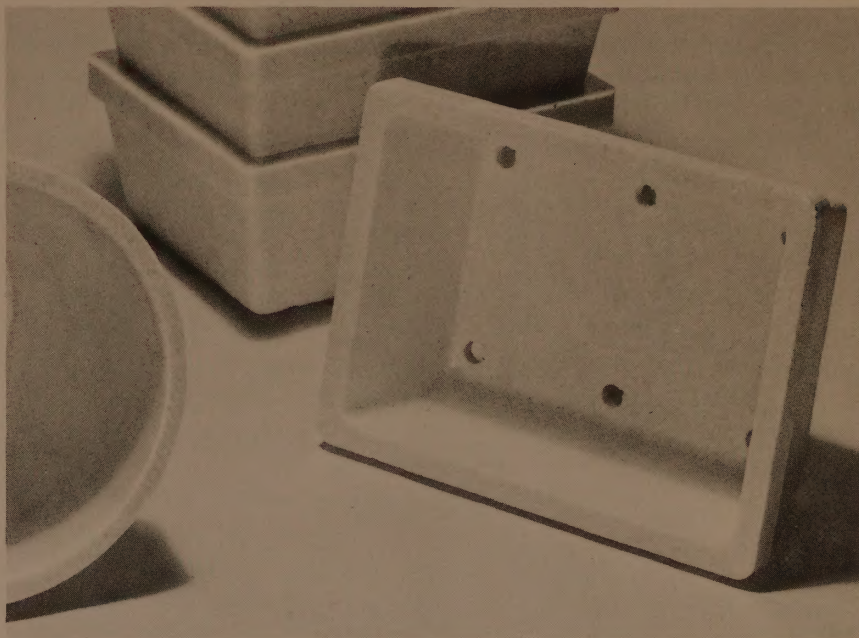
Gloeckner
FLOWER SEEDS

BADGER PAK

Feather Lite — Weighs Less Than One Ounce

The Ideal "Seedling Flat"

- Retains moisture longer
- Seedlings need less watering
- Reduces costly fertilizing to a minimum
- Creates distinctive buying
- Rigid construction
- Ample depth for healthy root growth
- Rot proof — lasts indefinitely
- Moisture proof — will not absorb water
- Large drainage holes for adequate drainage



This amazing, new light-weight plant container is made from expanded polystyrene (styrofoam), and makes an ideal unit for growing spring bedding plants. Because of the high insulation value of styrofoam, plants grow well in these containers and require less watering.

The Badger Pak makes a handsome retail unit. It is possible to identify varieties and prices by stamping the containers with a rubber stamp.

Available in two sizes:

34B — 6" x 7 $\frac{3}{4}$ " x 3"

44B — 5 $\frac{1}{2}$ " x 7 $\frac{3}{4}$ " x 3"

(outside measurement of 42 market pak)

Color: White

Ice Green

Fawn

Units per carton: 300

Weight per carton: 20 lbs.

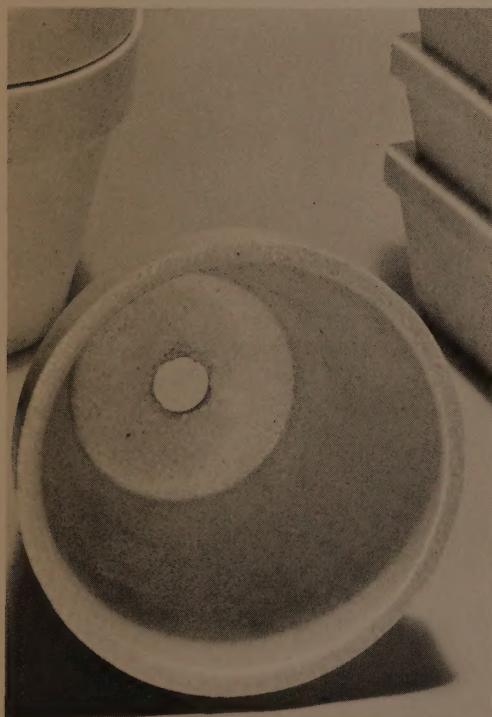
Size of carton: 24" x 30" x 43"

Paks will not stand steam sterilization. Methyl bromide is recommended.

Shipped f.o.b. Wisconsin
1500 paks per 100 lbs.

Prices:	Per 1,000
300 - 1,200.....	\$52.50
1,500 - 6,000.....	50.00
6,300 - 30,000.....	47.50
30,300 - 60,000.....	45.00
60,300 and over	43.50

FREE SAMPLE UPON REQUEST



BADGER POT

This lightweight pot does not support algae growth to the extent that clay pots do and is extremely light weight. It requires less watering than clay and does not break if dropped.

Size: 6" Standard

Outside Measurement
6 $\frac{5}{8}$ " wide, 5 $\frac{3}{4}$ " high

Inside Measurement
6" wide, 5 $\frac{3}{8}$ " high

Color: White

Green

Fawn

Units per carton: 300

Size of carton: 24" x 30" x 43"

Weight: 25 lbs. (approx.)

Prices: (f.o.b. Wisconsin)

Per 1,000

300 - 1,200.....	\$97.50
1,500 - 6,000.....	93.00
6,300 - 12,000.....	88.00
12,300 - 24,000.....	83.50
24,300 and over	81.50

If order is booked at one time, deliveries can be divided monthly for the year.

FREE SAMPLE UPON REQUEST

SUNDRIES

TESTWOOD POTS

Florist and nurserymen like the new Testwood pots for their excellent porosity—no special watering techniques are required. You can water plants in Testwood Pots in the same way you do in any other porous pots.

Stock No.	Approximate Dimensions		No. per Carton	Price per Carton	Price per 1000		
	O.D.	Height			1000—4999	5000—24,999	25,000 or more
300	3"	3"	250	\$6.75	\$23.25	\$22.50	\$21.75
400	4"	3 ⁷ / ₈ "	200	8.00	36.00	34.50	33.00
500	5"	5"	100	7.00	64.00	61.00	58.00
600	6"	6"	50	5.50	96.00	92.00	88.00
600-1	6"	4 ¹ / ₂ "	50	5.50	96.00	92.00	88.00

Minimum Order: One carton of a size. Shipping weight per carton approximately 30/35 lbs. Sizes may be combined for quantity prices.

BIRD POTS

per 1,000 (sold in case lots only)

	2"	2 ¹ / ₄ "	2 ¹ / ₂ "	3"	3 ¹ / ₂ "	4"
VITA POTS	\$16.05	\$16.45	\$17.05	\$19.15	—	\$28.25
Quantity per case.....	1000	1000	1000	1000	—	500
RED POTS	9.90	9.90	10.00	10.55	\$13.90	16.90
Quantity per case.....	2000	2000	2000	2000	1000	1000

BIRD PERENNIAL POTS

(Light Weight) (Sold in case lots only)

	Height	Top Diameter	Bottom Diameter	Quantity per Case	Price per 1000
Mum pan	5"	8"	7"	200	\$65.00
Small perennials	5 ¹ / ₂ "	5"	4"	200	47.50
Large perennials	6 ¹ / ₂ "	6"	4 ¹ / ₂ "	200	58.50
Roses, peonies and shrubs.....	9 ¹ / ₂ "	7"	5 ¹ / ₂ "	200	69.00

BIRD BANDS

per 1,000 (sold in case lots only)

	1 ¹ / ₂ x 1 ¹ / ₂	1 ³ / ₄ x 2 ¹ / ₂	2 x 2 ¹ / ₂	2 x 2 x 3	2 ¹ / ₂ x 2 ¹ / ₂ x 3	3 x 3 x 3	4 x 4 x 3
VITA BAND 10	\$5.05	\$5.40	\$5.65	\$6.20	\$6.70	\$7.45	\$9.65
Quantity per case...	2000	2000	2000	2000	2000	1000	1000
VITA BAND D	5.20	5.55	5.80	6.30	6.75	7.60	9.90
Quantity per case...	2000	2000	2000	2000	2000	2000	1000
VITA BAND H.....	—	6.55	6.95	8.15	8.70	9.15	11.25
Quantity per case...	—	1000	1000	1000	1000	1000	500



WOOD VENEER PLANT BANDS

	1000 to 9,000	10,000 to 49,000	50,000 or more	Band with Bottom
1 ³ / ₄ x 1 ³ / ₄ x 2...	\$6.10	\$6.00	\$5.90	\$
1 ³ / ₄ x 1 ³ / ₄ x 2 ¹ / ₂ .	6.20	6.10	6.00	9.90
2x2x2.....	6.20	6.10	6.00	9.90
2x2x2 ¹ / ₂	6.30	6.20	6.10	10.00
2 ¹ / ₄ x 2 ¹ / ₄ x 2 ¹ / ₂ .	6.50	6.40	6.30	10.10
2 ¹ / ₂ x 2 ¹ / ₂ x 2 ¹ / ₂ .	6.60	6.50	6.40	10.30
2x2x3.....	6.60	6.50	6.40	10.30
2 ¹ / ₂ x 2 ¹ / ₂ x 3...	7.00	6.90	6.80	10.80
3x3x3.....	7.50	7.40	7.30	11.10
3x3x4.....	7.70	7.60	7.50	11.60
4x4x3.....	7.80	7.70	7.60	11.90
4x4x4.....	8.70	8.60	8.50	12.90

LIGHT WOOD FLATS OR TRAYS

These Flats are ideal for growing and selling vegetable and flower plants.

No. 00—Holds dozen 1³/₄ x 1³/₄ x 2¹/₂ bands.

No. 000—Holds dozen 2x2x3 bands.

No. 000A—Holds dozen 2x2x2¹/₂ bands.

No. 0000—Holds dozen 2¹/₂ x 2¹/₂ x 3 bands.

No. X—Holds six 3x3x3 bands.

	50	100	1000
No. 00	\$2.60	\$4.90	\$48.00
No. 000	2.70	5.10	50.00
No. 000A	2.65	5.00	49.00
No. 0000	2.90	5.50	54.00
No. X	2.75	5.20	51.00

JIFFY-POTS AND JIFFY-STRIPS

**Additional Quantity Discounts:

Orders of \$1500 —

2% discount from 25 case price

Orders of \$3000 —

3% discount from 25 case price

Orders of \$4500 —

4% discount from 25 case price

Orders of \$6000 —

5% discount from 25 case price

Various sizes may be combined to obtain quantity prices.

*Western States prices apply in the following states: Arizona, Alaska, California, Hawaii, Idaho, Nevada, Oregon, Utah and Washington. Eastern States prices apply to all other states.

SOLD IN CASE LOTS ONLY

						* Eastern States PER 1000 POTS			
Model No.	Top Diam. and Shape	Depth of Pot	Ship Wt. per Case	Pots per Case		Per Case	1-9 Cases	10-24 Cases	25** Cases up
115	1 ¹ / ₂ in. round	1 ³ / ₄ in.	17 lbs.	3000		\$17.85	\$ 5.95	\$ 5.70	\$ 5.45
122	2 ¹ / ₄ in. round	2 ¹ / ₄ in.	35 lbs.	3000		23.85	7.95	7.60	7.25
130	3 in. round	3 in.	35 lbs.	1500		21.00	14.00	13.35	12.70
217	1 ³ / ₄ in. square	2 ¹ / ₈ in.	35 lbs.	3000		22.80	7.60	7.25	6.90
222	2 ¹ / ₄ in. square	2 ¹ / ₄ in.	35 lbs.	2500		22.75	9.10	8.70	8.30
230	3 in. square	3 in.	35 lbs.	1000		16.90	16.90	16.15	15.40
335	3 ¹ / ₂ in. shorty	3 in.	40 lbs.	1000		19.30	19.30	18.45	17.60
340	4 in. round	3 ³ / ₄ in.	35 lbs.	750		23.25	31.00	29.50	28.00
425	2 ¹ / ₂ in. X-tra Deep	3 ¹ / ₈ in.	35 lbs.	2000		21.20	10.60	10.10	9.60
517	1 ³ / ₄ in. Jiffy-Strip	2 ¹ / ₈ in.	40 lbs.	3600		26.28	7.30	6.95	6.60
522	2 ¹ / ₄ in. Jiffy-Strip	2 ¹ / ₄ in.	40 lbs.	2400		21.36	8.90	8.50	8.10

SUPPLIES

PETERS SOLUBLE FERTILIZERS

M77 SEQUESTERED-CHELATED SOLUBLE FERTILIZERS (PACKED IN 25-POUND BAGS ONLY)

Freight prepaid to any state in the union with the exception of Alaska and Hawaii, on 300 pounds or more. West of the Mississippi add 3 cents per pound on 300 pounds and over. Packed 25 lbs. per bag except where noted.

	1-3 bags	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up
15-15-15 Geranium Special	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.
20-5-30 Potash Special	7.00 ea.	.24 lb.	.23 lb.	.22 lb.
16-4-12 Easter Lily Special	7.00 ea.	.24 lb.	.23 lb.	.22 lb.
25-10-10 Maryland Special	7.00 ea.	.24 lb.	.23 lb.	.22 lb.
21-7-7 Azalea Neutral	7.00 ea.	.24 lb.	.23 lb.	.22 lb.
21-7-7 Azalea Acid	7.00 ea.	.24 lb.	.23 lb.	.22 lb.
20-20-20 General Purpose Feed ..	7.50 ea.	.26 lb.	.25 lb.	.24 lb.
25-5-20 Carnation Special	7.50 ea.	.26 lb.	.25 lb.	.24 lb.
15-30-15	7.50 ea.	.26 lb.	.25 lb.	.24 lb.
30-10-10 Sprayfeed	7.50 ea.	.26 lb.	.25 lb.	.24 lb.

	1 lb.	5 lbs.	10 lbs.	20 lbs.	Over 20 lbs.
Sequestrene 12% Chelated Iron.....	\$3.00	\$1.75	\$1.60	\$1.50	\$1.40
Sequestrene 12% Chelated Manganese..	3.00	2.00	1.85	1.75	1.65

	5 lbs.	25 lbs.	50 lbs. and over
Soluble Trace Element Mix (Partially Chelated)...	\$.75 lb.	\$.56 lb.	\$.50 lb.

POTASSIUM NITRATE

Per pound up to 1 ton..... 14c
Ton price per pound..... 13c

Packed only in original bag.
100 pound lots only.

(For packaging in 25-pound bags add
2 cents per pound)

13-6-6 ORGANIC SPECIAL (NON-SOLUBLE)

The finest pot plant feeding ever designed. Combines the best features of highest grade natural organics and Uramite Nitrogen. Being widely used in combination with liquid feeding with excellent results.

	1-3 bags	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up
13-6-6	\$8.00 ea.	\$.30 lb.	\$.28 lb.	\$.26 lb.

FRITTED POTASH (32% K2O)

Contains 32% K2O, plus fritted Trace Elements. Will not leach away. Gives a 6 to 9 months assured supply of Potash.

	1-3 bags	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up
	\$9.00 ea.	\$.32 lb.	\$.31 lb.	\$.30 lb.

DUPONT URAMITE (38% N)

Packed only in 50-lb. bags.

	1-9 bags	10-39 bags	40 bags and over
	\$12.00 bag	\$11.50 bag	\$11.00 bag

FRITTED TRACE ELEMENTS

These fritted trace elements will give an assured, non-leaching supply of trace elements for periods up to 1 year and possibly longer.

	100-275	300-975	1000-1975	2000 lbs. and up
	\$.26 lb.	\$.24 lb.	\$.22 lb.	\$.20 lb.

Less than 100 pounds \$8.00 per 25-pound bag

FERTILIZERS

ELECTRA (5-10-3)

A highly organic fertilizer designed especially for florists. Contains major, minor and trace elements needed for plant growth.

Price: 80 lbs.....\$6.00

HIDROPON

10% Nitrogen — 12% Phos. Acid — 25% Potash

A most unusual combination of many soluble plant foods. Trace elements mostly chelates and other products added but not claimed.

25 lbs.	\$ 8.00
50 lbs.	12.00
100 lbs.	20.00

LIQUID "M" POWDERED

17% Nitrogen — 24% Phos. Acid — 18% Potash

Trace elements mostly as chelates and other products added but not claimed.

25 lbs.	\$ 8.00
50 lbs.	12.00
100 lbs.	20.00

GROWTH RETARDANTS

PROSFON-D* AND PHOSFON LIQUID

Height retardant for forced Easter Lilies and pot Mums. This new chemical offers an easily applied height control or regulant when used either in powder or liquid form.

1 lb. jar (powder)	\$17.95
1 pint bottle (liquid).....	17.95

*T.M. of Virginia Carolina Chem. Corp.

CYCOCOL (FORMERLY C.C.C.)



A plant growth regulant for red Poinsettias. Cycocol treated plants have:

- 1 — Shorter height.
- 2 — Stronger stems.
- 3 — Deeper green foliage.
- 4 — Richer red bracts.

1 quart	\$12.95
Case 4x1 quarts.....	51.80
1 gallon	49.75
10 Gallons or More Shipped Prepaid	

SUPPLIES

FERT-O-JECT

AUTOMATIC FERTILIZER INJECTORS

This Automatic Fertilizer Injector is machine engineered to inject into the water system soluble fertilizers in proportions suitable for maximum plant growth. By using the Fert-O-Ject method of fertilization a mild application is applied each time plants are watered assuring a uniform application to all plants.

Available in two models

Model E\$475.00
Model U-400 (Portable) 300.00

Write for complete descriptive literature.

FIBER GLASS DRUM

This fine Fiber Glass Drum is ideal for holding liquid fertilizer. Can be easily tapped or drilled to accommodate spigot. Holds 45 gallons\$25.00

RESPIRATOR AO

One of the first respirators to meet the requirements of USDA for protection against dust, spray, mist and vapors. Filter cartridges are filled with the highest grade activated charcoal. Each cartridge has a built in fibrous filter for stopping particles of dust, mist and spray. R-71558—Respirator—goggle combination.

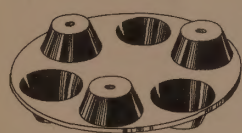
Complete with filter and cartridges\$9.80
R.58—replacement filter cartridges (3 per package)..... 4.80

DRAM WATER BREAKER

Cast aluminum with a face of 400 1/32" holes. Suitable for established seed flats—plants and bench watering.

Priceeach \$1.50
Extension handle designed for Dram Water Breaker.

16" with rubber grip.....each \$1.50
24" with rubber grip.....each 1.80
36" with rubber grip.....each 2.25
48" with rubber grip.....each 2.75



AERO-DRAIN

Avoid the fuss for makeshift broken pot pieces. This pot hole cover is made of sturdy plastic. Used either side up when placed in the flower pot. Will permit necessary drainage and the air to flow freely. Can be used in pots for 4" - 12".

1,000 to 9,000.....per 1,000 \$6.50
10,000 to 49,000.....per 1,000 6.15
50,000 to 99,000.....per 1,000 5.95

Minimum Order 1,000

FLOWER PRESERVATIVES

PETALIFE

Use this material to extend the life of your cut flowers. Experiments at Universities have shown that Petalife will increase the keeping quality of your flowers far beyond the time shown by other cut flower preservatives.

50 lbs. drum.....per 100 lbs. \$40.00
200 lbs. and up prepaid

ROSELIFE

Has been especially developed to extend the life of Roses.

50 lb. drumper 100 lbs. \$42.00
200 lbs. and up prepaid

ROOTING COMPOUNDS

ROOTONE

A plant hormone powder for rooting cuttings and increasing root growth.

2 oz.\$1.00
1 lb. 5.00

HORMODIN

No. 1 (Soft Cuttings).....1 lb. \$4.80
No. 2 (Shrubs)1 lb. 7.00
No. 3 (Azalea—Evergreens) ..½ lb. 7.00

CUTSTART

½ X — For Geraniums, Poinsettias, etc.1 lb. jar \$4.00
X — For Fuchsia, African Violet, etc.1 lb. jar 4.00
XX — For Carnations, Mums, etc.1 lb. jars 4.00

RUSTIC CEDAR BARK SLABS

Selected and treated Rustic Cedar. These are bright and clean—free of borer and have been selected for uniform widths.

Length	Width	Price	Pk. Per Bundle	Weight Per Bundle
1'	2"-3"	\$.04	100 pcs.	40 lbs.
1½'	2½"-4"	.05½	50 pcs.	25 lbs.
2'	3"-4"	.09	50 pcs.	30 lbs.
2½'	3"-4"	.12	50 pcs.	35 lbs.
3'	3"-4"	.13½	50 pcs.	45 lbs.
4'	4"-5"	.18	50 pcs.	80 lbs.
4'	3"-4"	.18	50 pcs.	65 lbs.
5'	4"-6"	.35	25 pcs.	70 lbs.
6'	5"-7"	.40	25 pcs.	90 lbs.

NOTE: On 4 ft. Cedar Bark, please narrow or regular.

1' Cedar Bark ideal for dish gardens.

CEDAR BARK POLES

Length	Diameter	Price	Pk. Per Bundle	Weight Per Bundle
1½'	1" -1½"	\$.09	50 pcs.	50 lbs.
2'	1¼"-2"	.13	25 pcs.	30 lbs.
2½'	1¼"-2½"	.17½	25 pcs.	35 lbs.
3'	1½"-2½"	.20	25 pcs.	40 lbs.
4'	2" -3"	.27½	25 pcs.	60 lbs.
5'	2½"-3½"	.34	25 pcs.	75 lbs.
6'	2½"-3½"	.39	25 pcs.	90 lbs.

GREEN ENAMELED PLANT STAKES

1,000 PIECES PER BUNDLE

F.O.B. Fostoria, Ohio

	No. 16 Gauge .0625"	No. 14 Gauge .080"
12" lengths	\$ 3.50	\$ 5.00
15" lengths	4.50	6.00
18" lengths	5.00	7.00
21" lengths	6.00	8.00
24" lengths	7.00	9.00
27" lengths	8.50	10.00
30" lengths	9.00	11.00
36" lengths	10.00	12.50
42" lengths	11.50	14.50
48" lengths	12.50	17.00

The No. 14 gauge is the more popular size.

HYACINTH STAKES

	Per 1,000	Per Cs. 6,000
12"	\$ 5.25	\$29.65
15"	5.90	33.40
18"	6.50	35.25

BAMBOO CANE STAKES

Dyed Green, of Pencil Thickness

	Per Bale	Price Per Bale
1½ ft.	2,000	\$ 7.00
2 ft.	2,000	9.00
2½ ft.	2,000	13.00
3 ft.	2,000	16.00
3½ ft.	2,000	20.00
4 ft.	2,000	24.00

SPLIT BAMBOO STAKES

Dyed Green

	Per Bale	Price Per Bale
12 in.	5,000	\$12.50
15 in.	5,000	16.00
18 in.	5,000	20.00
24 in.	5,000	25.00

QUANTITY DISCOUNT ON CANE STAKES

5 bales — 5%
10 bales — 10%
25 bales — 15%

INSECTICIDES

ARAMITE 15W

Used to control Red Spider Mites.

4 lb. bag	\$ 3.50
Case, 12 x 4 lb. bags	35.00

ARAMITE LIQUID 2E

Red Spider Mite Control.

1 gallon	\$13.00
----------------	---------

CHLORDANE-8E (72%)

For control of Thrips, Leaf Miners, Cabbage and Onion Maggots and many others.

1 gallon	\$12.25
Case, 4 x 1 gallons	39.40

CHLOROBENZILATE 25W

For control of Spider Mites.

4 lb. bag	\$ 5.80
Case, 12 x 4 lb. bags	52.80

D.D.T. 50W

General purpose. For most leaf eating, chewing insects, soil pests, thrips, white flies.

4 lb. bag	\$ 1.55
Case 12 x 4 lb. bags	16.50

DIAZANON 25W

Controls Aphids, Privet and Bud Mites, Bud Moth and others.

4 lb. bag	\$6.90
-----------------	--------

DIBROM 8-E

A contact insecticide. Controls Aphids, Red Spider Mite, Leaf Hoppers and others.

1 gallon	\$29.50
----------------	---------

DIELDRIN 50W

Controls Spittle Bugs, Grasshoppers and Greenhouse Thrips.

4 lb. bag	\$ 7.35
Case 12 x 4 lb. bags	83.80

ENDRIN 1.6 LB. LIQUID

Excellent for control of Cyclamen Mite, Aphids, Thrips, etc.

1 gallon	\$11.75
4 gallons	per gallon 10.40

KELTHANE W

For control of both Cyclamen and Red Spider Mites.

4 lb. bag	\$ 4.55
Case 12 x 4 lb. bags	50.40

KELTHAN 18.5 LIQUID

Red Spider Mite control.

1 gallon	\$10.35
Case 6 x 1 gallon cans. .per gallon	10.00

LINDANE 25W

For Aphids, Thrips, Leafhoppers, Spittlebugs, Symphylids.

4 lb. bag	\$ 7.00
Case 12 x 4 lb. bags	78.00

LINDANE 1 1/2 %

50 lb. bag	\$11.75
------------------	---------

MALATHION 25W

For Spider Mites, Aphids, Thrip, Scales, Leafhoppers and Rollers, Mealy Bugs, Caterpillars, Beetles, White Flies and Tarnished plant bugs.

4 lb. bag	\$ 3.00
Case 12 x 4 lb. bags	32.40

MALATHION LIQUID 5-E

1 gallon	\$11.50
----------------	---------

NICO FUME LIQUID

To control Aphids, Thrips, Chrysanthemum Leaf Minor and Marguerite Fly.

1 gallon can	\$16.25
--------------------	---------

PARATHION 15W

To control Aphids, Spider Mites, Caterpillars, Leaf Rollers, Thrips, Beetles, Mealy Bugs, White Flies and Rose Midge.

3 lb. bag	\$ 1.75
Case, 16 x 3 lb. bags	26.50

SEVIN 4-FLOWABLE

A broad spectrum insecticide for controlling Aphids, Leaf Hoppers and Miners. (Not a Miteicide.)

1 gallon	\$9.25
----------------	--------

P-40 (2% SODIUM SELENATE)

For chewing and sucking insects on plants other than edible crops. Food crops not to be grown in treated area for 12 months.

25 lbs.	\$12.50
50 lbs.	22.50
100 lbs.	40.00

SODIUM SELENATE (PURE)

For control of Aphids, Red Spider, Cyclamen Mites and some Nematode.

4 oz.	\$ 4.00
1 lb.	12.50

SLUGIT

Liquid Metaldehyde solution for control of snails and slugs.

1 gallon	\$12.00
----------------	---------

SYSTOX

A systematic insecticide for control of Foliar Nematode, Aphids and Spider Mites. (For soil application only.)

1 gallon	\$20.00
----------------	---------

TEDION 25

For control of Red Spider Mites.

2 lb. bag	\$ 4.00
Case, 12 x 2 lb. bags	45.60

TEDION 90

For resistant Spider Mites. (Can combine with Aramite for highly resistant mites.)

1 lb. bag	\$ 7.20
Case, 12 x 1 lb. bags	81.60

THIMET 10%-GRANULAR

A systemic for control of Aphids and Two-Spotted Mite.

50 lb. drum	lb. \$.55
-------------------	------------

THIODAN EMULSION

For control of Aphids, White Fly and Cyclamen Mites.

1 gallon	\$10.25
----------------	---------

THIODAN 50W

2 lb. bag	\$ 5.00
Case, 12 x 2 lb. bags	58.00

VAPATONE XX EMULSIVE

For control of Aphids, Thrips, Red Spider and Leaf Hopper Nymphs.

1 gallon	\$11.50
----------------	---------

SPREADER STICKER

For use with Agricultural Chemicals.

1 gallon	\$9.50
----------------	--------

FUMIGATORS

FULEX APHID SMOKE FUMIGATOR

For Aphid and adult White Fly.

2,000 cu. ft. (carton 24 cans)....	\$11.00
5,000 cu. ft. (carton 24 cans)....	14.00
10,000 cu. ft. (carton 24 cans)....	17.00
20,000 cu. ft. (carton 24 cans)....	25.00

FULEX NICOTINE FUMIGATOR

10,000 cu. ft. (carton 12 cans)....	\$ 8.50
20,000 cu. ft. (carton 12 cans)....	14.00

FULEX SPIDER MITE FUMIGATOR

For Red Spider including some parathion resistant strains on Carnations, Chrysanthemums and Snaps.

2,000 cu. ft. (Carton 24 cans)....	\$11.50
5,000 cu. ft. (carton 24 cans)....	14.50
10,000 cu. ft. (carton 24 cans)....	19.00
20,000 cu. ft. (carton 24 cans)....	31.00

FULEX PARATHION FUMIGATOR

For Red Spider, Aphids and Thrip.

2,000 cu. ft. (carton 24 cans)....	\$12.00
5,000 cu. ft. (carton 24 cans)....	14.50
10,000 cu. ft. (carton 24 cans)....	17.00
20,000 cu. ft. (carton 24 cans)....	26.00

FULEX TEDION FUMIGATOR

5,000 cu. ft. (carton 12 cans)....	\$ 9.50
10,000 cu. ft. (carton 12 cans)....	12.50
20,000 cu. ft. (carton 12 cans)....	21.00

PLANT MILDEW FUMIGATORS

(Contains 15% Karathane)

For control of Powdery Mildew on ornamental crops.

10,000 cu. ft. (carton of 12).....	\$10.50
20,000 cu. ft. (carton of 12).....	15.75

PLANT FUME 103

For control of Spider Mite, Aphid, Thrip.

5,000 cu. ft. (carton 36 cans)....	\$12.00
20,000 cu. ft. (carton 12 cans)....	12.00

TEDION® DITHIO FUMIGATORS

Contains 15% Tedion, 12.5% Dithio for control of resistant Red Spider, Mites, Aphids, White Fly, Mealy Bug, soft brown scale and Thrip.

10,000 cu. ft. (carton of 12).....	\$15.00
20,000 cu. ft. (carton of 12).....	26.00

THIODAN

(Pressure Fumigators)

Contains 15% Thiodan. For the control of resistant Green Aphids, White Fly, Chrysanthemums, Green Aphid and many other Aphid species.

10,000 cu. ft. (carton of 12).....	\$12.00
20,000 cu. ft. (carton of 12).....	18.00

FUNGICIDES

A. D. O.

A drench for controlling damp-off in seed flats. Also effective in controlling the spread of Rhizictonia, Pythium and Fusarium, Stem Rot Diseases.

Pint (treats 1,000 sq. ft.)	\$ 4.95
Quart	9.50

BOTRAN 50% WETTABLE

For the control of Botrytis grey mold on Mums, Carnations, Begonias, Hydrangeas, Geraniums, Gladiolus.

3 lb. bag	\$ 5.55
Case, 6 x 3 lb. bags	28.85

BOTRAN 8% DUST

For the control of Botrytis grey mold on Chrysanthemums, Hydrangeas, Geraniums and Roses in the field and storage.

50 lbs. bag only	\$24.00
------------------------	---------

CAPTAN 50W

For Leaf Spot and Botrytis control. Not adequately effective against Rusts. Powdery Mildew, Bacteria.

5 lb.	\$ 4.50
10 x 5 lbs.	40.00

DEXON-TERRACLOR 35-35

A new fungicide for controlling root and stem rot diseases.

5 lb. drum	\$18.75
------------------	---------

FERBAM

Controls Fungus Leaf Spots. Not effective against Bacteria or Powdery Mildew.

3 lb. bag	\$ 2.00
Case, 12 x 3 lb. bags	21.60

GEROX

For effective control of Fusarium and Bacterial Rot (Black Leg) of Geraniums. Also other rots caused by Rhizictonia Solani, a soil and damp-off Fungus.

150 grams	postpaid \$8.00
(Treats approximately 6,000 2¼" pots.)	

PANO DRENCH 4

Effective for the Control of Damping-Off
An excellent liquid soil drench used to control damping-off caused by soil borne fungi (especially Rhizoctonia) on flowers and vegetables. For use in all soils, sands; on flats, pots, benches and outside beds. Just one to two teaspoons diluted with 3 gallons of water produces effective control. A 4 oz. bottle makes up to 72 gallons of drench—treats 300-400 sq. ft.

1 oz.	\$ 1.95
4 oz.	5.95
16 oz.	19.20

PHALTAN 50W

A fungicide for controlling Black Spot, Powdery Mildew and others.

5 lb. bag	\$ 5.25
Case, 10 x 5 lb. bags	49.85

TERRACLOR W. P. 75% (PCNB)

Soil treatment for control of Rhizoctonia and Sclerotium Rolfsii.

5 lb. bag	\$ 4.65
Case, 10 x 5 lb. bags	44.00

VAPAM (SOIL FUMIGANT)

For controlling weeds, weed seeds, Nematodes, and soil Fungi.

1 gallon	\$4.50
----------------	--------

ZINEB 65W

To control Rusts, Fungus Leaf Spots, Botrytis Blights. Not effective against bacteria or Powdery Mildews.

3 lb. bag	\$ 2.50
Case, 16 x 3 lb. bags	37.00

MISTING EQUIPMENT

COMPLETE MISTING STARTER KIT

Enough for a 50 ft. bench

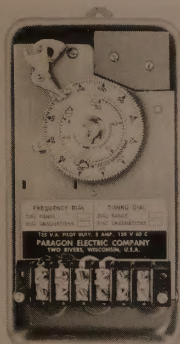
1 — #603 Fixed Cycle Timer
Makes a complete cycle every 3 min.

16 — White Showers Nobbles

1 — Solenoid Valve $\frac{1}{2}$ "

1 — Strainer $\frac{1}{2}$ "

\$60.00 for the above kit



#516-220-0 AUTOMATIC RESET TIMER

This clock controls one circuit only, but with unlimited control both on the duration of the mist (on period) and the frequency (how often). Two dials can be set as follows:

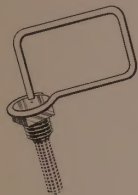
Duration: 4 seconds to 50 seconds
(one second gradations)

Frequency: 2 minutes to 55 minutes
($\frac{1}{2}$ -minute gradations)

Price \$80.00 ea.

NOZZLES

MISTER 100—Deflective type with 5/16"—24 count fitting. Nozzle is tapped directly into $\frac{3}{4}$ " or 1" galvanized pipe. Recommended spacing every 3 feet. Features individual brass strainer, wrap-around wire baffle, easily removed for cleaning or replacement after long operation.



PRICE: Less than 100.....\$1.00 each
100......75 each
250......70 each
1,000......60 each

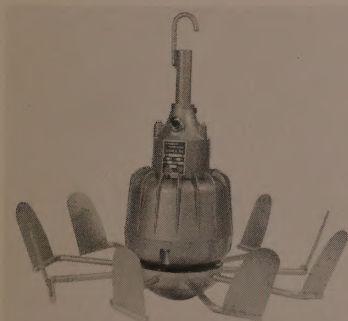
FLORA MIST FOGGERS—Nylon or brass base, deflective type. Comes with $\frac{1}{8}$ " pipe thread on nylon base or $\frac{1}{8}$ " or 5/16-24 machine thread in brass. Three orifice sizes available: .020", 1/32" or .40". Orders filled with 1/32" unless specified. Consumption at 40 lbs. pressure:

.020" delivers 4 g.p.h.	Price: 1 to 25.....60c each
1/32" delivers 8½ g.p.h.	25 to 50.....55c each
.040" delivers 14 g.p.h.	50 to 100.....45c each
	100 up.....36c each

Cleaning tool is available for easy cleaning.

MISCELLANEOUS GREENHOUSE EQUIPMENT

NIVOLA DUTCH MILL AIR CIRCULATION GREENHOUSE FAN



Moves 5 to 9 thousand cubic feet of air per minute.
Distributes heat uniformly and saves fuel.
Prevents stagnant air and disease.
Provides maximum air cooling in summer.

Specifications:

60 cycle—either 110 or 220 volts.
Speed, 720 rpm (140W).
1/6 horsepower motor.
 $\frac{2}{3}$ amps. — 220 V.;
1½ amps. — 110 V.

Installation. Simply hangs from a hook. Install to every 50 lineal feet in houses 25 to 50 feet wide. Approximate blade height above soil, 10 ft.

Prices in U.S.A. F.O.B. Columbus, Ohio

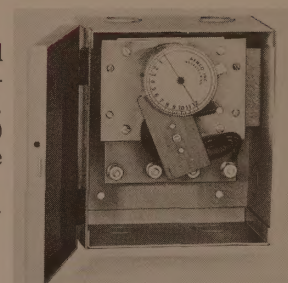
1-5 Fans—\$80.00 ea. 6-25 Fans—\$77.50 ea. 26 up—\$75.00 ea.

#603 INTERVAL TIMER

Ideal to use on crops where a fixed cycle (frequency) is desired with an adjustable "on" period (duration of mist). The "on" period is adjustable from 0 to 1½ minutes "on" out of the three minute period.

In steel cabinet 5½" x 6¾" x 3¾"
SPST-115 V. 15 amps.

Price \$18.50

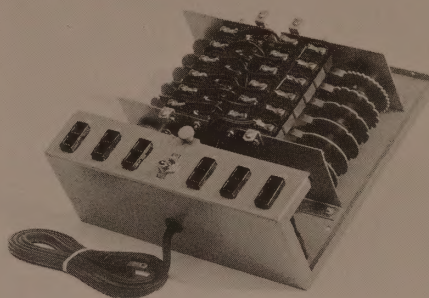


GLOECKNER SUPER MIST CLOCK #7260

This clock which is 9" x 9" x 3½" was especially designed for the Gloeckner Co. for the specific job of controlling low pressure mist. It is possible with

this timer to carry on diversified greenhouse duties at the same time. Super mist clock six stations and it is possible to have all working simultaneously for any combination of duties. It has six frequencies from 3¾ minutes to 120 minutes adjustable to from 2 to 220 seconds.

Price \$79.50



SOLENOID VALVES (ASCO)

This is the highest quality solenoid available. Monel coil, full port openings with snap action. Very dependable.

$\frac{1}{2}$ " size (adequate for single bench operations)..... \$21.75

$\frac{3}{4}$ " size (recommended for more than one bed)..... 26.75

1" size (controls one house at a time)..... 30.75

WATER STRAINERS

A strainer should be placed on the upstream side of the solenoid to assure positive action of the valve. Twenty gauge brass screen, "Y" type design. Cast iron body.

$\frac{1}{2}$ " \$6.75 $\frac{3}{4}$ " \$7.50 1" \$8.75

CHAPIN WATERMATIC POT WATERING SYSTEM

A method of putting a measured amount of water on hundreds of plants simultaneously without hand labor.

This is a simple system of plastic tubing leading from a plastic main to each pot. The flow of water is measured and shut off by the Chapin Watermatic valve.

You can now water a 100-foot bench or a whole greenhouse of potted plants at one time. Each plant receives individual watering at the same time.

- **Versatile.** Any number of potted plants may be watered anywhere on a bench.

- **Portable.** The system may be easily moved from one bench to another.

Write for Descriptive Circular

FRED C. GLOECKNER & CO., INC.

15 EAST 26th STREET •

Telephone: Area Code 212 ORegon 9-6460 9-6461
Cable: GLOECKNERS, N. Y. TWX-212-867-5347

• NEW YORK 10, N.Y.

Gloeckner

